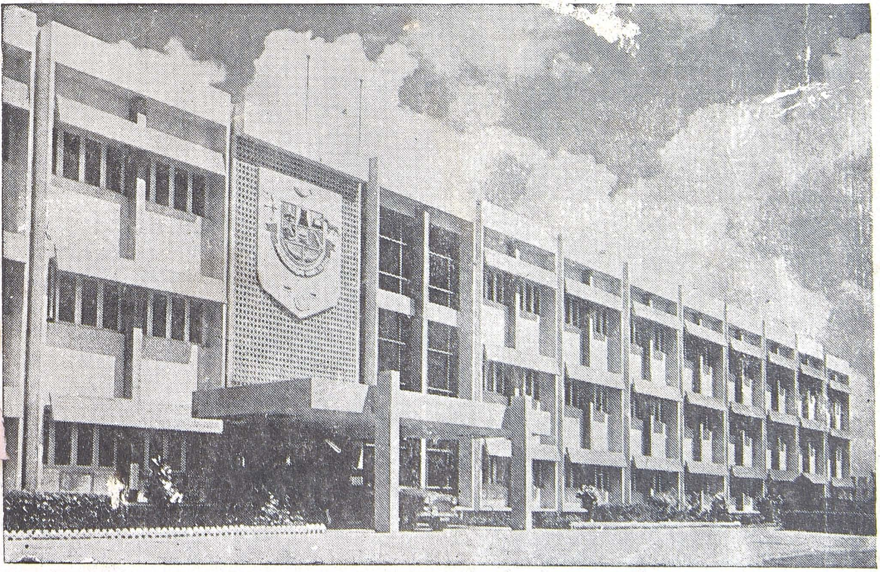
MADURAI UNIVERSITY

TENTH ANNUAL REPORT 1975



ADMINISTRATIVE BLOCK

MADURAI UNIVERSITY

செந்தமிழ்க் கல்லூரி
மதுரைத் தமிழ்ச் சங்கம் மதுரை

TENTH ANNUAL REPORT

1975

ANNUAL REPORT — 1975

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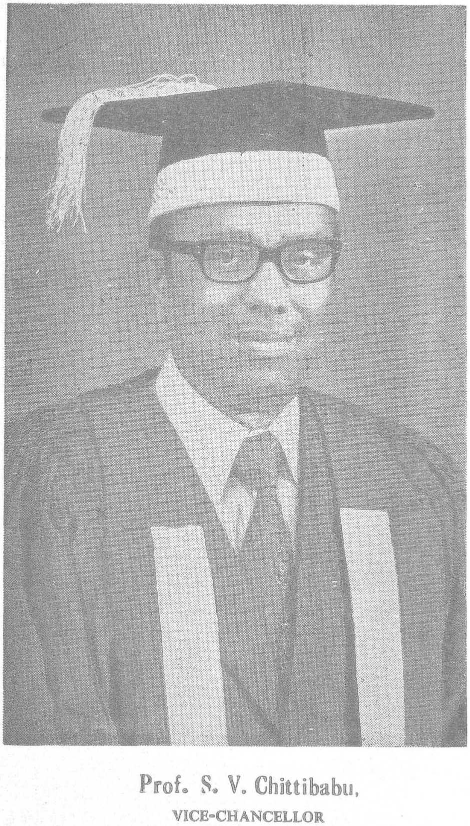


Prof. S. V. Chittibabu,

VICE-CHANCELLOR

MADURAI UNIVERSITY

TENTH ANNUAL REPORT

CHAPTER I

IMPORTANT EVENTS

The Syndicate presents to the Senate under Section 21 of the Madurai University Act, 1965, the Tenth Annual Report on the working and progress of the University. This report is for the calendar year 1975. The Tamil version of the main report is also presented.

This university, which is of the teaching and affiliating type, was inaugurated on 6th February, 1966. The area of the University campus is about 745 acres. The jurisdiction of the university comprises the four southern revenue districts, viz., Madurai, Ramanathapuram, Tirunelveli and Kanya kumari, in the State of Tamilnadu.

Some of the important events of the university during the year are given below:

Assumption of office by the Vice-Chancellor.

Prof. S. V. Chittibabu was appointed as the Vice - Chancellor of the University by the Chancellor for a term of three years and he assumed office on 24th February 1975.

Vice-Chancellor's visit to the United Kingdom, Germany and France.

Prof. S. V. Chittibabu, Vice - Chancellor, visited the United Kingdom at the invitation of the British Council under its visitorship programme for a period of three weeks from 24th October, 1975 and made a study of the educational goals and practices of the open university system and such other institutions of continuing education including such celebrated universities as

Oxford, Cambridge, London and Birmingham Universities, which have specialised in innovative science and humanities programmes. On his way back to India, he visited the University of Frankfurt in Germany and a few Universities in Paris at the invitation of the Indo-German Academic Exchange Service and the Indo-French Academic Exchange Service respectively.

Based on the report of the Vice-Chancellor on his visit to the U.K., the Syndicate appointed a sub-committee to go into the question of adoption of some of the features of the open university system in the Institute of Correspondence Course of this university and this sub-committee's report with its recommendations is under study.

Attendance at conferences etc.

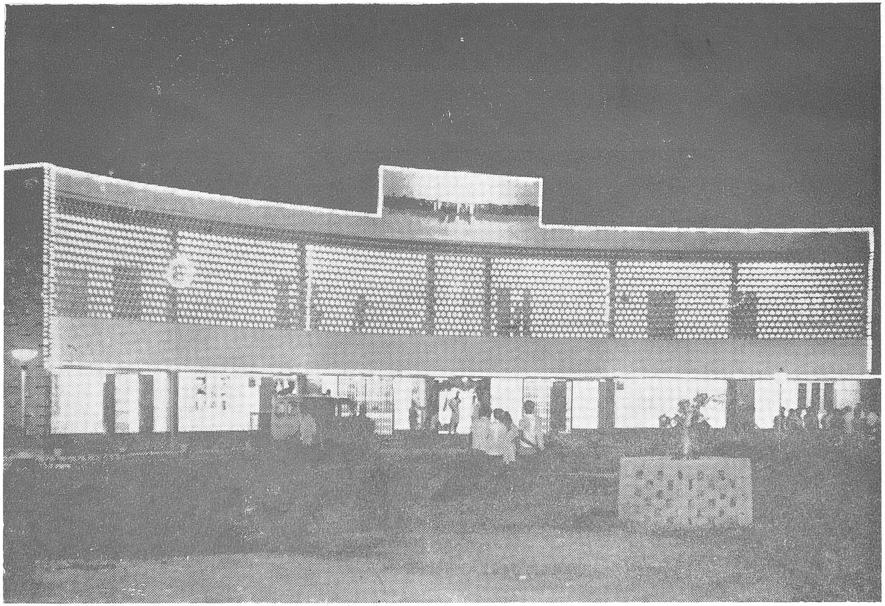
The Vice-Chancellor attended the 50th annual meeting of the Association of Indian Universities held at New Delhi from 23rd to 25th March, 1975.

The Vice - Chancellor also attended the conference of Vice - Chancellors held at New Delhi on 30th September and 1st October, 1975, convened by the Ministry of Education and addressed by the Prime Minister of India.

Additional New Buildings in the Campus.

1. A separate building for the University Co-operative Stores and Canteen was declared open by the Hon'ble Dr. Navalar V. R. Nedunchezhiyan, Minister for Education and Tourism, Government of Tamil Nadu on 12th June, 1975. Prof. S. V. Chittibabu, Vice-Chancellor, presided over the function. This building was constructed at an estimated cost of Rs. 3.15 lakhs.

2. The building for the University Co-operative Printing Press was declared open by the Hon'ble Dr. Navalar V. R. Nedunchezhiyan, Minister for Education and Tourism, Government of Tamil Nadu on 30th August, 1975 with Prof. S. V. Chittibabu, Vice-Chancellor, presiding. The estimated cost of this building is Rs. 4.54 lakhs. The press is expected to function shortly, the required machinery having been ordered.



Madurai University Central Cooperative Stores Building

3. On the same day, the Hon'ble Thiru K. Anbazhagan, Minister for Health, laid the foundation stone for the University Health Centre. The construction has been taken up and it is estimated to cost Rs. 6 lakhs. This centre is adjacent to the non-teaching staff quarters in the university campus and the building has come up to the ceiling level.

4. A separate building for the State Bank of India being constructed at an estimated cost of Rs. 2.6 lakhs is nearing completion.

New courses:

Permission was granted to start the following new courses during this year :

1 M.Sc. degree course in Geography in the Department of Geography, Madurai University.

2. M. Pharmacy course in Madurai Medical College, Madurai.

3. B.A. degree course in Tourism in Arulmigu Palaniandavar College of Indian Culture, Palni.

4. Certificate course in Salesmanship in Aditanar College of Arts and Science, Tiruchendur.

5. Diploma course in Marxian Thought and Ideology in S. T. Hindu College, Nagercoil.

6. Diploma Course in Sanskrit in Madura College, Madurai.

Institute of Correspondence Course and Continuing Education.

During the year, Political Science and Geography have been introduced as optional subjects under Part III of the Pre-University course in the Correspondence Course. Tamil as an alternative medium has been

introduced in the B. Com. degree course offered through Correspondence Course. The enrolment in the institute during the year was 18,134 as against 14,661 of the previous year.

Introduction of Semester System at the Under-Graduate level :

After a great deal of deliberation and consultations of various academic bodies, the semester system was introduced at the undergraduate level, viz. B.A., B.Sc., B.Sc. Home Science, B.Com., B.B.A., B.A (Spl) and B.Sc. (Spl. courses in sixteen selected colleges to start with as an experimental measure In this connection, the Vice-Chancellor met and discussed with the Chairmen of the various boards of studies and later the regulations and syllabuses for the semester system were drawn up and approved by the Academic Council and the Senate. The following colleges were selected for implementing the scheme of semester system from the academic year 1975-'76.

1. The American College, Madurai,
2. Fatima College, Madurai.
3. N.M.S.S.V.N. College, Madurai.
4. Sourashtra College, Madurai.
5. Arulmigu Palaniandavar Arts College, Palni.
6. Ayya Nadar Janaki Ammal College, Sivakasi.
7. V.V. Vanniaperumal College for Women, Virudhunagar.
8. Sarah Tucker College, Tirunelveli.
9. St. Mary's College, Tuticorin.
10. Kamaraj College, Tuticorin.
11. Sri Paramakalyani College, Alwarkurichi.
12. Aditanar College of Arts & Science, Tiruchendur.

13. Sri Parasakthi College for Women, Courtallam.

14. G. Venkataswamy Naidu College, Kovilpatti.

15. Scott Christian College, Nagercoil.

16. Pioneer Kumarasamy College, Nagercoil.

Four workshops were conducted on the following dates for the teachers of the above colleges to work out the details for implementing the scheme effectively:

(1) 23rd to 30th June, 1975.

(2) 25th August, 1975.

(3) 14th to 16th October, 1975.

(4) 22nd and 23rd November, 1975.

Under this system, the first semester examination was held in the month of November 1975. The system of central valuation was introduced and the results were published in the last week of November, 1975.

As a follow-up measure, it is proposed to extend the semester system at the undergraduate level to other colleges in a phased programme and this is under the active consideration of the authorities.

The Syndicate has constituted a Semester Committee to work out the details of the semester system and to review the working of the system from time to time.

Assistance to the University by the University Grants Commission :

(1) The Visiting Committee of the University Grants Commission appointed to assess the development proposals of the University under the fifth five year plan, came to the university on the 3rd and 4th April 1975 and held discussions with the Vice-Chancellor, Heads of Departments and teachers of the

University, Syndicate members, Principals of city colleges, research scholars and student representatives of the city colleges.

In October 1975, the University Grants Commission conveyed its acceptance to the various schemes, based on the recommendation of the visiting commitee and approved an allocation of about Rs. 103/- lakhs for the implementation of the development programmes, in the first phase, during the fifth plan period. The schemes sanctioned include the development and strengthening of the existing departments as well as starting of the following new departments and the implementation of certain new schemes.

I) **New Departments :**

1. Library Science
2. Political Science
3. Sociology
4. Education

II) **New schemes** :

1. Language Laboratory
2. Visiting Professorships
3. Faculty Improvement Programmes
4. Publications
5. Fellowships
6. Central Instrumentation and Services Laboratory

(2) The University Grants Commission has agreed to provide grants amounting to Rs. 3,85,000/- to enable the Department of Biological Sciences of the University to take up the follow up activities of the COSIP - University Leadership Project in Biological Sciences during the next two years.

(3) The University Grants Commision has similarly agreed to provide grants amounting to Rs. 3,35,000/-to enable the Department of Mathematics of the University to take up the follow - up activities of the COSIP-University Leadership Project in Mathematics during the next two years.

(4) The University Grants Commission has accepted the proposal of the university for undertaking the University Leadership Project under COSIP in Physics and agreed to provide grants amounting to Rs. 7,85,000/-to the University spread over a period of three years for the implementation of the project.

(5) The University Grants Commission has placed at the disposal of the university a sum of Rs. 1,00,000/-for promoting and strengthening research activities in the university as an integral part of the effort to upgrade higher education during the V Plan period.

(6) The University Grants Commission has allocated a sum of Rs. 40,000/- for the years 1975-76 and 1976-77 for publication of doctoral theses/research works of the teachers of the university.

General:

1. Thiru B. Murugan was appointed as the Registrar of the university and he assumed office on the 25th August, 1975.

2. The decennium year of the university is proposed to be celebrated early in 1976.

3. Sri Parasakthi College for Women, Courtallam has been recommended to the University Grants Commission and the State Government for the conferment of autonomous status besides the American College, Madurai, already recommended.

4. The scheme of revaluation of answer scripts for the different undergraduate and Pre-university examinations has been introduced with effect from March-April 1975.

5. The University has decided to computerise the examination results of March-April 1976 and necessary steps are being taken to train the staff required with the assistance of the I.B.M.

6. It has been decided to print the diplomas awarded to the candidates both in Tamil and English.

7. Thiru T. Saktivelu, Principal, N.M.S.S.V.N. College, Madurai, and member of the Syndicate attended the 50th annual meeting of the Association of Indian Universities held at New Delhi from 23rd to 25th March 1975 along with the Vice-Chancellor.

8. Thiru M. A. Thangaraj, Principal, American College and member of the Syndicate was nominated by the Syndicate to participate in the All India Conference of Principals and Educationists held at New Delhi on 4th and 5th October 1975.

9. Thiru S. Santanagopalan, Deputy Registrar, was awarded the Commonwealth Foundation Administrative Travel Fellowship, 1975 to visit the Universities in Australia, New Zealand and Malaysia to study their administrative structures and functioning of the various university authorities, courses of studies, student amenities, involvement of the community in the affairs of the Universities, etc. He availed himself of the fellowship from 19th July to 10th September, 1975. A report on his visit has been submitted by him.

10. The University brought out the following publications during the year under report:

Title of the Publication	Name of the Author / Department
1) Political Ideas of Thiruvalluvar.	Tirukkural Chair Wing, Madurai University.
2) Economic Ideas of Thiruvalluvar.	Tirukkural Chair Wing, Madurai University.
3) Vaiyai Volume II.	Seminar Papers of the Department of Tamil, Madurai University.
4) History of Madurai.	Dr. K. Rajayyan, Prof. & Head of the Department of Modern History, Madurai University.
5) Tolkoppiam Akathinai Iyal Uraivalam	Thiru M. Arunachalam Pillai

Seminars, Conferences, etc. held in the University :

1. Regional Conference on Mathematics Education and Research :

The Regional Conference of the Southern Universities sponsored by the UGC was held from 3rd to 6th October, 1975 under the auspices of the department of Mathematics to implement the recommendations of the Binational Conference on Mathematics Education and Research held at Bangalore in 1973. About 45 teachers from the Universities of the Southern States of Karnataka, Andhra, Kerala and Tamil Nadu participated.

2. Intensive Course in the Methodology of Research :

An intensive course in the Methodology of Research was conducted in this university from 8-12-1975 to 23-12-1975. 86 teachers of colleges representing humanities and science, who have registered for research degrees attended this course.

This course was conducted with financial assistance from the University Grants Commission. Prof. M. Shanmugam Pillai, Professor of Tamil, Madurai University was the Convener of the Course.

(3) Orientation Course for college teachers for teaching Science and Commerce subjects at the P. U. C. level through Tamil medium.

An Orientation course for college teachers to teach science and commerce subjects at the Pre - University level through the Tamil medium was organised for a period of 14 days from 18th December, 1975 at Sri Meenakshi Government College for Women, Madurai.

Thiru T. Saktivelu, Principal, Nadar Mahajana Sangam S. Vellaichamy Nadar College, Madurai and member of the Syndicate was the Director of the course. Prof. S. V. Chittibabu, Vice - Chancellor, inaugurated the course on 18th December 1975. The course was sponsored by the Government of Tamil Nadu The Government sanctioned a grant of Rs. 77000/- for conducting the course. 231 college teachers from Colleges of the Madurai and Madras University areas participated in the course.

(4) All India English Teachers' Conference :

The 26th All India English Teachers' Conference was held under the auspices of this university from 28th to 30th December 1975 with Dr. V. Sachithanandan, Head of the Department of English as the Local Secretary. Prof. S. V. Chittibabu, Vice - Chancellor, inaugurated the conference on 28th December 1975. About 350 English Teachers from all over India attended the conference.

Youth Against Dirt and Disease Camp

Youth for Afforestation and Tree Plantation Camp

The Department of Youth Welfare conducted "Youth against Dirt and Disease" camps and "Youth for Afforestation and Tree Plantation" camps under the National Service Scheme during the year with a special grant of

Rs.66,000/-and Rs.1,46,200/- sanctioned by the Government of India and the Government of Tamil Nadu respectively. 48 camps were conducted in the four districts of this University area as detailed below :

1) Madurai District ...... 17 Camps

2) Ramanathapuram District ...... 10 Camps

3) Tirunelveli District ...... 14 Camps

4) Kanyakumari District ...... 7 Camps.

CHAPTER II

PERSONNEL

a) Chancellor :

His Excellency Thiru K.K. Shah,
Governor of Tamil Nadu,
Raj Bhavan, Guindy, Madras-600022.

b) Pro-Chancellor :

Dr. Navalar V.R. Nedunchezhiyan, M.A., D. Lit.,
Minister for Education and Tourism,
Government of Tamil Nadu,
Madras-600009.

c) Vice-Chancellor :

Prof. S.V. Chittibabu, M.A., B.T.,
(From 24th February, 1975)

d) Registrar :

Thiru R. Tirugnanasambandam, M.A., L.T.,
(Till 29th July, 1975)

Thiru B. Murugan, M.A.
(From 25th August, 1975)

e) Deputy Registrar :

Thiru S. Santanagopalan, B.A., Dip. in Stat.

f) Assistant Registrar :
Thiru D. Manickaraj

g) Public Relations Officer :
Thiru D. Ramachandran, B.Sc.

Examinations:

Controller of Examinations :

Major P.P. Chinnadurai, M.A.,M.Sc.

The Controller of Examinations was in additional charge of the office of the Registrar for the period from 30th July 1975 to 24th August 1975.

Institute of Correspondence Course and Continuing Education :

a) Director :

Prof. T.B. Siddalingaiah, M.A., Ph.D.

(b) Assistant Registrar :

Thiru Ghulam Ghouse, B.A.

A statement showing the staff strength (both teaching and non-teaching) in the Administrative Wings of the University, Teaching Departments, Youth Welfare Department, Physical Education Department, Institute of Correspondence Course and Continuing Education, Evening College, Library and the Study Centres is given in the Appendix—A.

CHAPTER III

UNIVERSITY AUTHORITIES

Elections to the authorities of the university, viz., the Senate, the Syndicate and the Academic Council were conducted during the year under report on the dates indicated below.

SENATE

Sl. No.	Name of the Constituency	No. of candidates elected	Date of effect of the Membership	
(1)	(2)	(3)	(4)	
1.	Registered Graduates	15	27th July	1975
2.	Academic Council	5	6th September	1975
3.	Tamil Nadu Legislative Assembly	4	31st October	1975
4.	Tamil Nadu Legislative Council	2	29th October	1975
5.	Principals of approved colleges	3	16th August	1975
			2nd September	1975
6.	Headmasters of High Schools	4	11th July	1975
			17th July	1975
			4th August	1975
			16th August	1975
7.	Chairmen of Municipal Councils and Panchayat Union Councils	4	22nd July	1975
			4th August	1975
			11th August	1975
			31th August	1975

SYNDICATE

1.	Senate	4	11th September	1975
2.	Academic Council	3	6th September	1975

ACADEMIC COUNCIL

1.	Senate	2	8th September	1975
2.	Teachers of affiliated training colleges	2	29th August	1975
3.	Teachers of approved colleges	2	11th August	1975
4.	Teachers of Post-graduate colleges	13	28th July	1975
			1st August	1975
			2nd August	1975
5.	Teachers of Professional colleges	16	31st July	1975
			2nd August	1975
6.	Headmasters of High Schools	4	31st July	1975
			4th August	1975
			16th August	1975
			18th August	1975

1 The Senate :

The Senate met twice during the year. The annual meeting of the Senate was held on 29th March 1975 and the ordinary meetting on 11th September 1975, when diplomas were awarded to persons who had qualified themselves in the respective examinations. There are 123 members on the Senate of the University.

2. The Academic Council :

The Academic Council met thrice during the year. The ordinary meetings of the Academic Council were held on 14th March 1975 and 6th

September 1975. A special meeting of the Academic Council was convened on 7th June 1975 to consider and approve the introduction of the semester system at the undergraduate courses of B. A., B Sc., B. Com., B.A. (Special), B.Sc. (Special), B.Sc. (Home Science) and B.B.A. and to adopt the regulations and syllabi thereof. There are 141 members on the Academic Council of the University.

3. The Syndicate:

The Syndicate met 12 times during the year to transact business. Urgent items of business were also transacted in circulation. Two meetings of the Syndicate were held outside Madurai, one at Kodaikanal and the other at Courtallam. There are 12 members on the Syndicate. The following are the members of Syndicate:

Ex-officio Members:

1. Prof. S.V. Chittibabu, M.A., B.T.,
   Vice-Chancellor.

2. Thiru K. Mohanarangam, M.A., B.T.,
   Director of Collegiate Education.

3. Thiru V. C. Kulandaiswamy, B.E., M.Tech., Ph.D., D.S.S., M.A.S., M.I.A.H.R., F.I.E.(Ind)
   Director of Technical Education.

Elected by the Senate:

4. Thiru R. Kanagasabapathy, M.A.

5. Selvi N. Shakunthala, M.A.,

6. Selvi S. Baghirathi, M.A., M. Litt.

7. Thiru K. Padmanabhan, B.Sc., M.B.B.S.

Elected by the Academic Council

8. Thiru T. Saktivelu, M.A.,
9. Thiru M.A. Thangaraj, M.A., Ph.D.
10. Thiru A. Sankaranarayanan, M.A.

Nominated by the Chancellor:

11. Thiru Palanivel Rajan, B.Sc.,B.L.,M.L.A.
12. Thiru M. Sankaralingam, M.A.,M.L.C.

Various Sub-Committees of the Syndicate were reconstituted and the names of members of each committee are given below :-

I. Finance Committee :

1. The Vice-Chancellor (Convener)
2. The Secretary to Government,
   Education Department, Government of Tamil Nadu.
3. Thiru K. Padmanabhan
4. Selvi S. Baghirathi
5. Thiru T. Saktivelu

II. Syndicate Committee on Reeognition, Affiliation and Inspection of Colleges :

All members of the Syndicate

III. Syndicate Committee on Course of Studies:

1. Thiru M. Sankaralingam —Convener
2. Selvi N. Shakunthala

3. Thiru M.A. Thangaraj
4. The Director of Technical Education

IV. **Syndicate Committee on Examinations:**

1. Thiru M.A. Thangaraj —Convener
2. Thiru R. Kanagasabapathy
3. Thiru K. Padmanabhan
4. Selvi S. Baghirathi

V. **Syndicate Committee on Teachers and Research Departments:**

1. Selvi N. Shakunthala —Convener
2. Thiru M.A. Thangaraj
3. Thiru T. Saktivelu
4. Selvi S. Baghirathi

VI. **Library Committee of the Syndicate :**

1. Thiru Palanivel Rajan —Convener
2. Thiru R. Kanagasabapathy
3. Thiru M. Sankaralingam
4. Thiru T. Saktivelu

VII. **Appointment Committee of the Syndicate:**

1. The Vice - Chancellor —Convener
2. The Director of Technical Education
3. Thiru Palanivel Rajan
4. Thiru M.A. Thangaraj

VIII Syndicate Committee on Discipline, Welfare and Residence of Students:

1. Thiru T. Saktivelu —Convener
2. Selvi N. Shakunthala
3. Thiru A. Sankaranarayanan

XI. General Inspection Commission :

1. The Vice - Chancellor —Convener
2. The Director of Collegiate Education
3. Selvi N. Shakunthala
4. Selvi S. Baghirathi
5. Thiru R. Kanagasabapathy
6. Thiru T. Saktivelu
7. Thiru M.A. Thangaraj
8. Thiru M. Sankaralingam
9. Thiru A. Sankaranarayanan

X. Accounts Committee :

1. Thiru K. Padmanabhan —Convener
2. Thiru R. Kanagasabapathy
3. Thiru A. Sankaranarayanan

XI. Sports and Tournaments Committee :

1. Thiru R. Kanagasabapathy —Convener
2. Selvi N. Shakunthala

Note: The other members shall be in accordance with the rules framed for the conduct of the Inter - Collegiate Zonal and Inter - Zonal Tournaments.

4. **Standing Committee of the Academic Council:**

This Committee met on 12-2-1975, 18-3-1975, 8-8-1975 and 28-10-1975. There are seven members in the Standing Committee of the Academic Council.

5. **Finance Committee:**

This Committee met on 29-1-1975, 14-5-1975 and 27-12-1975. There are five members in the Finance Committee.

6. **Boards of Studics** :

There are 49 Boards of Studies constitutued by the University. The different Boards of Studies were reconstituted and the members were appointed by the Syndicate for a period of three years with effect from 2nd January, 1976.

7. **Sub-Committees of the Syndicate** :

The following Sub-Committees of the Syndicate met during the year under report on the dates noted against each:

	Name of the Committee	Dates of meeting
(i)	Syndicate Committee on Recognition, Affiliation and Inspection of colleges.	18-1-1975, 15-2-1975, 13-3-1975, 22-4-1975, and 21-12-1975.
(ii)	Syndicate Committee on Discipline, Welfare and Residence of Students.	18-1-75, 20-3-75, 18-7-75, 19-7-75 29-7-75 to 1-8-75, 7-8-75, 8-8-75, 29-8-75, 7-10-75, 27-10-75, 4-11-75, 12-11-75, 13-11-75, 27-11-75, 4-12-75 and 23-12-75.

(iii)	Appointment Committee of the Syndicate.	21-5-75, 9-7-75 and 21-8-75.
(iv)	Library Committee	30-1-75, 22-4-75, 5-9-75, and 22-12-75.

The Syndicate Committee on Courses of Studies and Examinations transacted business by circulation.

The Conveners of the various Syndicate Committees met 18 times during the the year to perform the duties of the Vice-Chancellor during his absence.

8. Obituary :

The Syndicate placed on record its deep sense of sorrow at the demise of Prof. A. Srinivasa Raghavan, member of the Syndicate, the Senate and the Academic Council and paid its tribute to him for his meritorious services rendered to the cause of University education.

9. Legislation :

Amendments and additions to Statutes, Ordinances and Regulations made and adopted by the Senate at its meetings held on 29th March 1975 and 11th September 1975 during the year under report are given in Appendix-B.

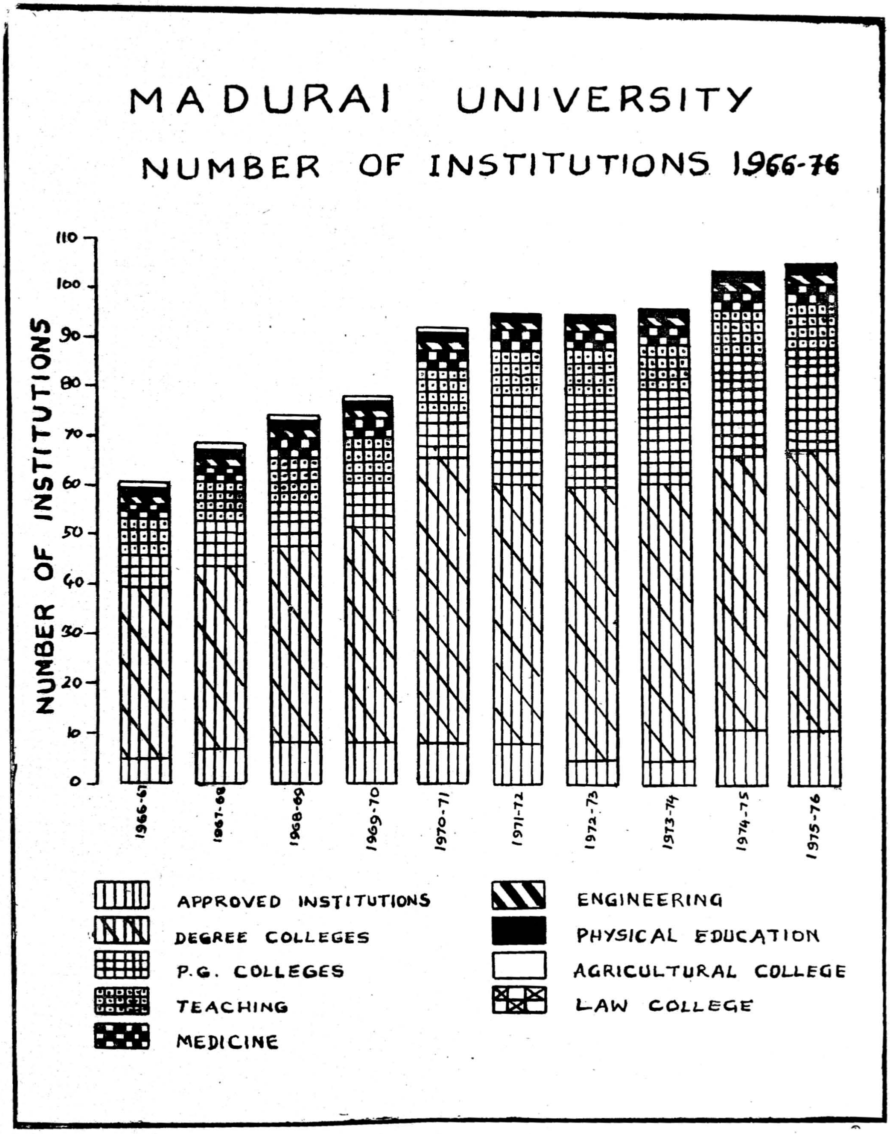
CHAPTER IV

AFFILIATED AND APPROVED INSTITUTIONS

The total number of affiliated and approved institutions in the university area during the year under report is 105 as against 104 last year.

Number of Colleges under different categories that existed during the years 1966, 1974 and 1975 are given below :

				1966	1974	1975
I.	Colleges for General Education	Men	Govt.	1	3	3
			Aided	29	58	58
		Women	Govt.	2	3	3
			Aided	9	16	17
II.	Colleges for Professional Education.	(a) Law	Govt.	—	1	1
		(b) Medicine	Govt.	2	2	2
			Aided	—	1	1
		(c) Indian Medicine	Govt.	1	1	1
		(d) Engineering	Govt.	1	1	1
			Aided	1	1	1
		(e) Agriculture	Govt.	1	—	—
		(f) Teaching Men	Aided	5	6	6
		Women	Aided	2	3	3
		(g) Physical Education	Aided	1	1	1
III.	Oriental Colleges		Men	3	1	1
			Women	—	1	1
IV.	Other Institutions		Men	1	2	2
			Women	1	3	3
				60	104	105


MADURAI UNIVERSITY
NUMBER OF INSTITUTIONS 1966-76
NUMBER OF INSTITUTIONS
110
100
90
80
70
60
50
40
30
20
10
0
1966-67
1967-68
1968-69
1969-70
1970-71
1971-72
1972-73
1973-74
1974-75
1975-76
APPROVED INSTITUTIONS
DEGREE COLLEGES
P.G. COLLEGES
TEACHING
MEDICINE
ENGINEERING
PHYSICAL EDUCATION
AGRICULTURAL COLLEGE
LAW COLLEGE

During the year under report, one Home Science College and one Matriculation School were granted affiliation in this University area. But the Matriculation School was not started during this academic year.

Details of new colleges/institutions opened and details of the additional courses permitted to be started in the existing colleges during the year under report are given in Appendix-C.

During the year under report, the following colleges were permitted to offer post-graduate and professional courses in the subject mentioned against each:

	Name of the college	Name of the course
1.	Sri Meenakshi Government College for Women, Madurai.	M.A. Degree course in Economics
2.	Arulmigu Palaniandavar Arts College, Palni.	M.Sc. Degree course in Botany(Semester)
2.	Ayya Nadar Janaki Ammal College, Sivakasi.	M.Sc. Degree course in Mathematics
4.	Lakshmi Teachers' Training College, Gandhigram.	M.Ed.Degree course
5.	Madurai Medical College, Madurai.	M. Pharamcy Degree course
6.	Aditanar College of Arts and Science, Tiruchendur.	Certificate Course in Salesmanship

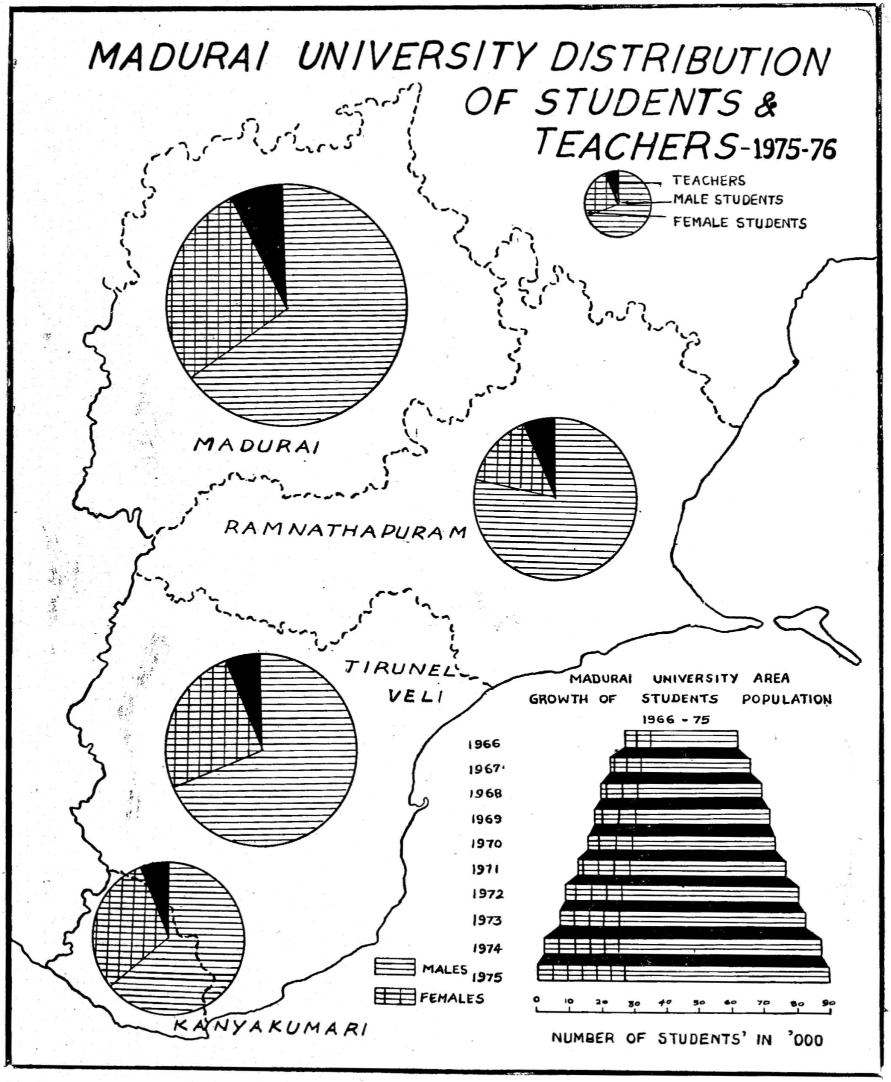
Permission was granted to change the names of the colleges as detailed below:

Name of the college:	Changed to
Holy Cross Home Science Acadmey	Holy Cross Home Science College
Kartik Matriculation School	Arulmigu Palaniandavar Matriculation School
Rameswaram Devasthanam Kalloori	Rameswaram Devasthanam Arts College
V. O. C. Women's College	A. P. C. Mahalakshmi College for Women

Admission to Colleges :

Particulars relating to the total number of students under different courses in the Colleges and the University Departments including the Institute of Correspondence Course and Continuing Education and the Evening College are given hereunder :

Name of the Course	Students as on 31-12-1966	Students as on 31-12-1974			Students as on 31-12-1975		
		Men	Women	Total	Men	Women	Total
Pre - University Course	16402	21717	7893	29610	20500	7526	28026
Degree Courses	14745	36623	12022	48645	38087	12668	50755
Postgraduate courses (excluding professional courses)	402	1089	809	1898	1202	869	2071
Professional courses	3821	4173	1097	5270	4263	1068	5331
Professional Postgraduate courses	104	275	60	335	180	26	206
Other courses (pulavar, certificate and diploma courses)	144	509	519	1028	455	425	880


MADURAI UNIVERSITY DISTRIBUTION OF STUDENTS & TEACHERS-1975-76
TEACHERS
MALE STUDENTS
FEMALE STUDENTS
MADURAI
RAMNATHAPURAM
TIRUNELVELI
KANYAKUMARI
MALES
FEMALES
MADURAI UNIVERSITY AREA
GROWTH OF STUDENTS POPULATION
1966 - 75
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
0 10 20 30 40 50 60 70 80 90
NUMBER OF STUDENTS' IN '000

There has been a general increase in the number of students admitted. The total strength of students in all the affiliated and approved institutions in this university including the University Departments,Institute of Correspondence Course and Continuing Education and the Evening College is 87,269 as against 86,786 last year.

The number of scheduled caste and scheduled tribe students studying in the various courses in the affiliated / approved institutions and the university departments is 5470 as against 5699 last year.

The total number of students in different courses is furnished in Appendix - D.

The total number of women students in the affiliated / approved institutions including the University Departments during the year is 22,577 at against 22,405 last year.

The total number of students residing in hostels attached to the colleges including the approved hostels is 25,229 as against 27,077 last year.

The total number of scheduled caste and scheduled tribe students residing in hostels attached to the colleges including the approved hostels is 3402 as against 3590 last year.

Detailed statement showing the number of students residing in hostels attached to affiliated and approved colleges is given in Appendix-E.

Details showing the name of the management, year of establishment courses offered, strength of staff and students etc., of the various affiliated/ approved colleges are given in Appendix - F.

CHAPTER V

ASSISTANCE TO AFFILIATED COLLEGES BY THE UNIVERSITY GRANTS COMMISSION

The University Grants Commission continued its assistance to the affiliated colleges for some schemes. During the year under report, the University Grants Commission has sanctioned grants under the various schemes as detailed below.

a) **Students Aid Fund**: Matching grants for the Students Aid Fund were sanctioned to 53 colleges by the University Grants Commission (list of colleges in the Appendix-G.) The object of the scheme is to render financial assistance to poor students to meet their tuition or examination fees or cost of books.

b) **Setting up of book banks in the college libraries**:- During the year under report the University Grants Commission sanctioned grants to 34 colleges (vide Appendix-H.) for the setting up of Book Banks in the college libraries for loan of text-books to students.

c) **General Scheme**: The University Grants Commission has sanctioned the following grant to St. Mary's College, Tuticorin under Rs.5/-lakhs ceiling grant during V Plan Period as detailed below:

Name of the College	Purpose	Estimated cost	UGC's share
St. Mary's College, Tuticorin	Workshop with equipment and Plant breeding centre etc.	Rs.2,22,000/-	Rs.1,95,750

d) The University Grants Commission has also sanctioned grants to the following teachers working in the affiliated colleges under the scheme of Financial Assistance to Teachers in the Universities and the Colleges for research/learned work in Humanities, Social Sciences and Sciences.

Sl. No.	Name of the teacher and designation	Name of the Institution	Amount	Name of the Project	Purpose
1.	Dr. K. Karunakaran, Prof. & Head, Dept. of Chemistry.	V.O. Chidambaram College, Tuticorin.	Rs. 7,000/-	Construction and standardisation of some electronic instruments required for chemical analysis.	Equipment
2.	Thiru M. Vivekanandan, Assistant Professor	G. Venkataswamy Naidu College, Kovilpatti.	Rs. 3,000/-		Chemical, Books, Travel and Field work
3.	Selvi V. Sarojini Menon Professor.	St. Mary's College, Tuticorin.	Rs. 6,000/-	Ecological survery of the Algas of Gulf of Mannar in the coast of Tuticorin and nearby islands.	Equipment, chemicals & field work
4.	Dr. K. Vadivelu, Prof. and Head of the Dept. of Geology	V.O. Chidambaram College, Tuticorin.	Rs. 3,000/-	Study of Micro-coraminifera of Tuticorin coast.	Equipment, books & Field work
5.	Thiru N. Ramalingam, Asst. Professor Dept. of Tamil	Yadava College, Madurai.	Rs. 2,000/-	Critical study of Kandapuraanam.	Books, Journals and Field work
6.	Thiru K.N. Chitsabesan, Professor, Dept. of Tamil	Saraswathi Narayanan College, Madurai.	Rs. 4,000/-	Children's Literature in Tamil	Books and Field work
7.	Thiru S. V. Perumal, Asst. Professor. Dept. of Economics	Arignar Anna College, Aramboly, K.K.Dt.	Rs. 1,500/-	Plantation Labour in Kanyakumari District.	Questionnaire, Books and Journals

e) The following affiliated colleges have been selected by the University Grants Commission for participation under College Humanities & Social Sciences Improvement Programme :

1. Aditanar College of Arts&Science, Tiruchendur.
2. Sarah Tucker College, Palayamkottai.
3. Kamaraj College, Tuticorin.
4. Scott Christian College, Nagercoil.

CHAPTER VI

COURSES OF STUDIES AND EXAMINATIONS :

(a) Courses :

1. The new courses detailed below were permitted to be started in the following university departments/colleges during the year under report :

Sl. No.	Name of the course	Institution conducting the course	Remarks
1.	M.Sc. course in Geography	Department of Geography, Madurai University.	Regulations and syllabus have been framed.
2.	M. Pharmacy course	Madurai Medical College, Madurai.	-do-
3.	B.A. course in Tourism	Arulmigu Palaniandavar College of Indian Culture, Palni.	-do-
4.	B.A./B.Sc./B.Com./B.B.A. degree courses under semester system.	Sixteen affiliated colleges.	-do-
5.	Diploma course in Marxian Thought and Ideology.	S.T. Hindu College, Nagercoil.	-do-
6.	Diploma course in Sanskrit	†Madura College, Madurai.	-do-
7.	Certificate course in Salesmanship	†Aditanar College of Arts and Science, Tiruchendur.	-do-

(† The colleges did not start the course during 1975-'76.)

2. Admissions to the following courses in the teaching departments of the university were suspended this year:

1) M. A. course in French

2) Post graduate certificate course in the Teaching of English

3) Certificate course in Indian Culture

4) Certifiicate course in Sanskrit

3. Regulations and syllabus for the following new courses were framed during the year and they are yet to be started :

1) Post graduate diploma course in Tourism

2) B. Lit. degree course in Tamil

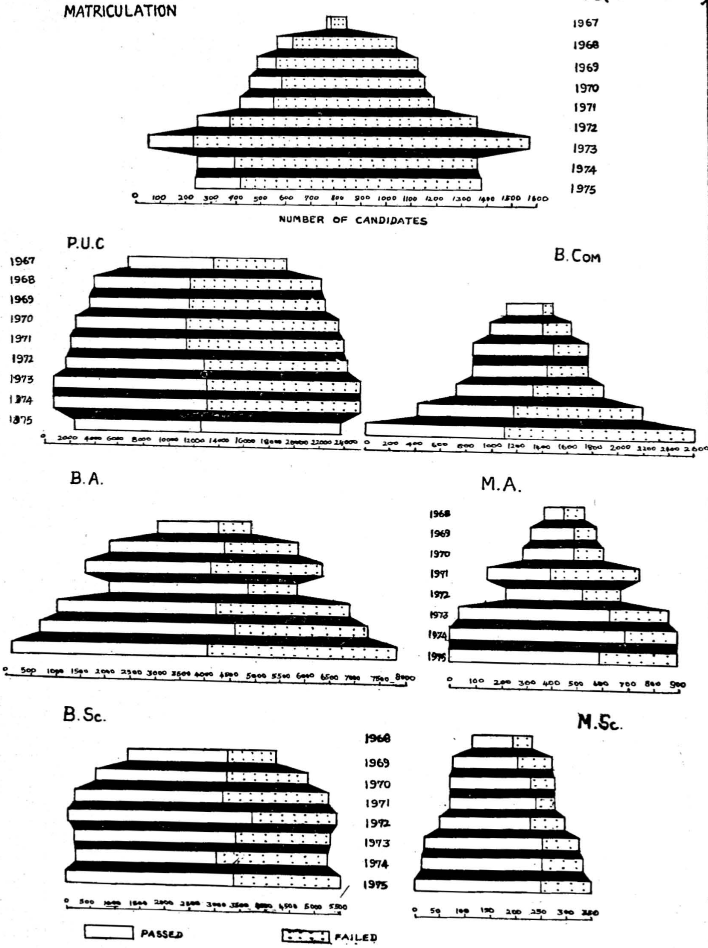
3) Certificate and diploma courses in Science of Creative Intelligence.

(b) Examinations :

A statement showing the number of candidates who appeared and passed the various examinations conducted by the university during the year 1975 is given in Appendix—I.

The percentage of passes and the number of students who obtained first class in the following examinations held in March/April 1975 are given below :

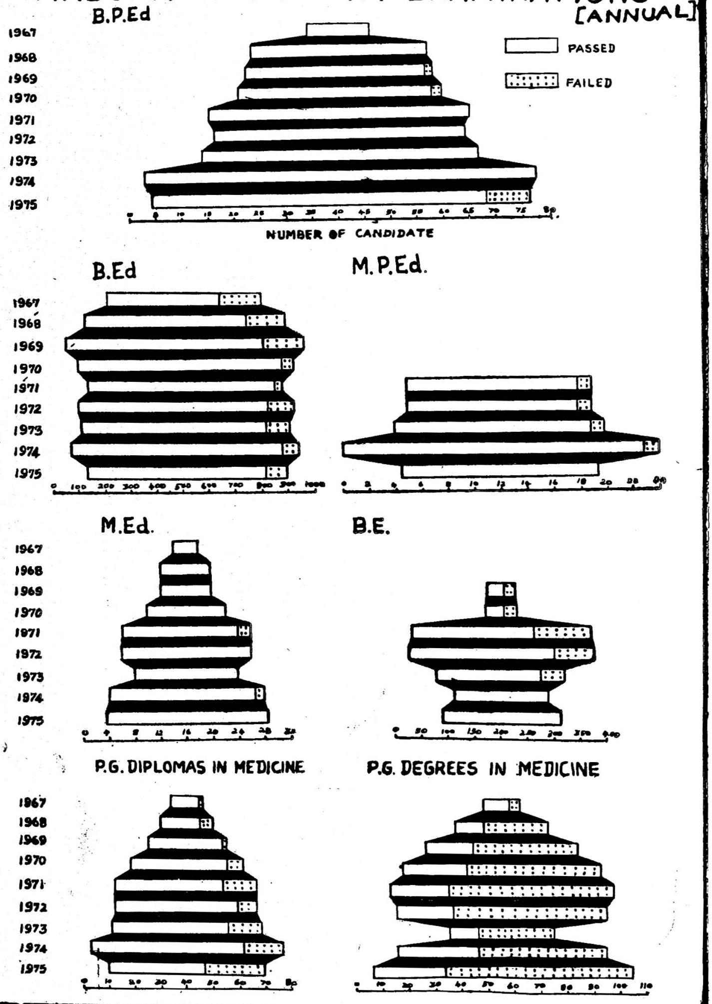
MADURAI UNIVERSITY EXAMINATIONS (ANNUAL)



Examination	No. Appeared	Percentage of passes	No. of Students passed in First Class
Matriculation	1148	15.3	44
Pre-University	21339	47.7	2058
DEGREE :			
B.A.			
History	2823	48.6	1
Politics	56	71.4	-
Social Sciences	20	85	1
Sociology	91	70	--
Economics	2790	44.4	3
Geography	68	23	--
Tamil	623	52.8	--
Specialised Tamil	28	85.7	1
English	907	53	--
Indian Culture	37	81	--
Philosophy	14	86	1
B.A. (Spl.) Economics	105	57	8
B.Sc.			
Mathematics	1475	59	289
Physics	581	61.8	104
Chemistry	1228	62.6	314
Botany	578	77.3	48
Zoology	833	60	133
Geology	67	40.3	4

B.Sc. (Special) Degree:			
Mathematics	168	71.9	77
Physics	86	93.3	52
Chemistry	95	95.6	52
Botany	18	100	5
Zoology	119	88	5
B.Sc. Home Science	18	100	10
B.Com.	2440	45.2	42
B.B.A.	298	93	6
B.Mus.	8	87.5	3
POST GRADUATE:			
M.A.			
English	179	60.3	5
Economics	127	73.2	2
Tamil	339	63.4	41
History	197	64	11
Social Work	29	89.7	—
Indian Culture	15	80	—
Geography	9	77.8	1
French	4	25	—
M.Sc.			
Mathematics	108	52.8	36
Physics	48	56.3	15
Chemistry	81	80.2	27
Zoology	52	100	7
Mathematical Economics	23	73.9	—
Biology	11	63.6	3
M.Com.	55	13	3

MADURAI UNIVERSITY EXAMINATIONS [ANNUAL]



M.B.A.	26	96	—
M.Phil. Mathematics	21	38.1	2
M.D.	51	31.4	—
M.S,	49	40.8	—
M.B.B.S.	233	46.3	—
B.I.M.	58	72.4	—
B.Ed.	768	89.7	13
M.Ed.	25	100	1
B.P.Ed.	72	89	9
M.P.Ed.	15	100	5
B.Pharm.	36	58.3	1
B.E.	205	78	47
M.Sc. Engineering	11	91	7
B.Lib.Sc.	29	93.1	4
B.E. Honours	27	100	—
Certificate Examinations	313	88.4	75
Diploma Examinations	57	89.9	—
Pulavar 2 (d):			
Preliminary	1044	52.5	5
Final	401	58	4

(c) List of examinations of other universities/bodies recognised by this university for purposes of higher education during the year are:

Sl. No.	Examination and name of the University or Body	Equivalent Examination of the University
1.	B.A. (Hons) Economics, B.Sc. (Hons) Mathematics, B.Sc. (Hons) Physics, B.Sc. (Hons) Chemistry, B.Sc. (Hons) Zoology and B.Sc. (Hons) Botany of Bhagalpur University.	B.A. (Spl.) Economics B.Sc. (Spl.) Mathematics. ,, Physics ,, Chemistry ,, Zoology ,, Botany

2.	M.Sc. (Life Science) degree of University of Indore	M.Sc. Zoology and M.Sc. Botany.
3.	M.Sc. Biology degree of Virginia State College, Petersburg, Virginia, U.S.A.	M.Sc. (Biology)
4.	Final Examination of the Kodaikanal School after 12 years.	Pre-University Examination
5.	Washington High School Certificate from the Western High School, U.S.A.	do
6.	High School graduation from the Washington Lee High School, Arlington, Virginia	do
7.	Matriculation Examination and Higher Secondary Examination Part II of Board of School Education, Haryana.	Matriculation Examination and Pre-University Examination respectively.

(d) A statement showing the number of candidates granted exemption during the year from the production of attendance certificates in respect of various examinations to appear privately is given in the Appendix -J.

(e) The number of candidates who appeared for the S.S.L.C. examination of March and October 1975 from this university area conducted by the Board of Secondary Education, Government of Tamil Nadu and the number declared eligible are given hereunder:

		March 1975	October 1975
1.	No. of candidates who appeared for the S.S.L.C. examination from this university area.	55719	8681
2.	No. of candidates declared eligible.	32291	2754

CONVOCATION :

(a) The ninth annual convocation of this university was held on 9th October 1975 at Dr. Mu. Varadarasanar Arangu and His Excellency Thiru K.K. Shah, Governor of Tamil Nadu and Chancellor of the University

Ninth Annual Convocation

(L to R) His Excellency Thiru K. K. Shah, Governor of Tamil Nadu
Prof. S. V. Chittibabu, Vice-Chancellor, and
Thiru B. D. Jatti, Vice-President of India

presided over the session. Thiru B.D. Jatti, Vice-President of India delivered the Convocation address.

Prof. S.V. Chittibabu, Vice-Chancellor presided over the subsequent five sessions held on the 10th October 1975. 3762 candidates took the degrees in person at the ninth annual convocation. Details of the different degrees conferred at the convocation are given in Appendix -K.

The supplemental convocation of the university was held in 2 sessions on 2nd April 1975 at Dr. Mu. Varadarasanar Arangu, Palkalainagar, Madurai. Prof. S.V. Chittibabu, Vice-Chancellor presided over the sessions. 827 candidates took the degrees in person at this convocation. Details of the different degrees conferred at this convocation are given in Appendix-L.

At the special meeting of the Senate held on 11th September, 1975 diplomas were awarded to the qualifying candidates. The details of diplomas awarded by the university are given in Appendix-M.

CHAPTER VII

TEACHERS AND RESEARCH DEPARTMENTS

1. (a) During the year, 77 teachers were appointed as detailed below in the various teaching and research departments of University, Institute of Correspondence Course and Continuing Education and the Evening College.

Senior Lecturer	...	1
Lecturers	...	16
Part-time lecturers	...	60

(b) Names of teachers appointed during the year with their designation and the date of joining are given in Appendix-N.

(c) The following teachers of the university went abroad during this year for the purposes noted against them :

Sl. No.	Name of the teacher	Place visited	Purpose of visit
1.	Dr. T. M. Haridasan, Reader in Physics	Brazil	International Conference on light scattering in solids
2.	Dr. K. M. Rengaswamy, Reader in Mathematics	Canberra Australia	Research programme
3.	Dr. (Mrs.) Kunthala Jayaraman Reader in Molecular Biology	Copenhagen (Denmark)	International Conference on Differentiation
4.	Dr. A. K. Goel Senior Research Fellow, Dept. of Biological Sciences	London	Indo-British Exchange Programme

5.	Dr. J. Jayaraman Reader in Bio-Chemistry	United States	Fulbright Seminar Fellow
6.	Dr. A. Gnanam, Professor, Dept. of Biological Sciences	France	Indo - French Cultural Exchange Programme
7.	Dr. M. Lakshmanan, Reader in Micro-Biology	Canada	CIDA-NRC Research Programme
8.	Dr. M. N. Kutty, Reader in Fish Physiology	Japan, Canada, USA, Sweden.	13th Pacific Science Congress at Vancouver, Canada and General Assembly of the International Foundation for Sciences at Stockholm, Sweden.

d) Dr. K. Viswanath, Reader in Mathematics of the University has been selected by the University Grants Commisson for participation in the scheme of National Associateship with effect from 1st April, 1975 for a period of 5 years.

e) The following teachers left the services of the university :

Name of the teachers with designation and department	Date of relief
Dr. V. Veerasami, Lecturer in Tamil, Department of Tamil.	5th April, 1975.
Dr. Adilakshmi Amma Punugu, University Reader in Botany at St. Mary's College, Tuticorin.	1st October, 1975.

Dr. N. Thillaichidambaram, Micro-Analyst, Department of Natural Products Chemistry and Physical Chemistry.	13th September, 1975.
Tmty. M. Swarnavalli, Lecturer in English, Institute of Correspondence Course and Continuing Education.	31st May, 1975
Selvi N. Muthuvadivu, Lecturer in English, Institute of Correspondence Course and Continuing Education.	29th October, 1975.
Selvi Philomina Mary, Lecturer in English, Institute of Correspondence Course and Continuing Education.	10th July, 1975.
Thiru K. Chidambaram, Lecturer in Commerce, Institute of Correspondence Course and Continuing Education.	27th June, 1975.

f) A list of distinguished visitors to the various departments of the university from India and abroad is given in Appendix-O.

g) A detailed report on the working of the teaching and research departments of the university is given in Appendix-P.

2. Studentships and Fellowships :

a) The number of research scholars working in the university departments are furnished hereunder:

Department	Studentship	Fellowship	UGC	CSIR	DAE	ICMR	ETC	Non-stipend.	Other schemes
Tamil	8	2	4	—	—	—	—	—	—
Mathematics	3	1	2	—	3	—	—	1	—
Biology	3	1	18	9	3	3	—	6	14
Geography	2	—	1	—	—	—	—	—	—
Physics	2	—	3	4	—	—	—	—	—
NPCPC	4	—	1	—	—	—	—	1	—
POCIC	2	—	1	—	—	—	—	—	—
Economics	4	—	1	—	—	—	—	—	—
English	4	—	—	—	—	—	—	—	—
Malayalam	1	—	—	—	—	—	...	...	—
Sanskrit	1	—	—	—	—	—	—	—	—
Kannada	1	—	—	—	—	—	—	—	—
Telugu	1	—	—	—	—	—	—	—	—
Modern History	2	—	—	—	—	—	—	2	—
Ancient History	1	—	—	—	—	—	—	—	—
Total	39	4	31	13	6	3	—	9	14

(b) A statement showing the names of candidates (full-time and part-time) who have registered during the year for the Ph. D. / M. Litt. degree together with title of study and the names of supervisors is given in Appendix-Q

(c) A yearwise statement showing the number of Ph.D. and M.Litt. degrees awarded by this university so far is given in Appendix-R.

(d) Details of the scheme under operation with financial assistance of the agencies in India and abroad in the departments are given in Appendix-S.

(e) Award of Ph. D. /M.Litt degree.

The following theses submitted by the candidates whose names are indicated against their theses have been accepted by the university for the Ph.D./M. Litt. degree during the year and they have been declared qualified for the award of the degree:

List of Candidates who were declared eligible for Ph. D. /M. Litt. degree during the year 1975:

Sl. No.	Name of the candidate	Title of the thesis	Name of the supervisor
Ph. D.			
1.	S. Natarajan	Poetics in Tamil - a critical exposition	Dr. M. Shanmugam Pillai
2.	S. Meenakshi Bharathi	A critical analysis of Kalki's short stories	Dr. R. Shanmugam
3.	A. Ragavendran	Studies on chemical spectroscopy with reference to charge-transfer of some molecular complexes	Dr. N. R. Subburatnam
4.	V. S. Ramamurthy	Studies in associate rings and modules weakly regular modules and exact radicles	Dr. K. M. Rangaswamy
5.	Hannah Sulochana	Comparative Bio-chemistry of the mitochondria of acquatic animals	Dr. J. Jayaraman
6.	M. Narayanan	Studies on the biology of the Mullet Rhinomugal Corsula (Hamilton)	Dr. M. N. Kutty
7.	R. Kanakam	Study on eletrode process with special reference to organic compounds of commercial and technical importance	Dr. M. S. Venkatachalapathy
8.	R. Rajamohan	Some Physical aspects of the scorpiocentaurs association	Dr. M. K. Vaina Babbu
9.	A.G. Govindarajan	Interaction between energy transducers in photosynthetic cells	Dr. A. Gnanam
10.	M. Peer Mohamed	Studies on the influence of hypoxia on fish metabolism and activity	Dr. M. N. Kutty
11.	S.A. Rezeeda	Host parasite relationship in cotton wilt with special reference to respiration	Dr. M. Lakshmanan
12.	P. Sivasubramanian	Chemistry of Hetrocyclin compounds	Dr. N. Arumugam

13.	K.S. Ramamurthi	The rise of the Indian novel in English	Dr. V. Sachithanandan
14.	S. Alamelu	Studies in Algebra - Endomorphism Rings in ideals quasi-injective modules over nootherian rings - Sub-rings of Affine Rings	Dr. K. R. Nagarajan
15.	N. Jayasankaran	Studies in Functoinal Analysis	Dr. M.Venkataraman
16.	M. Chellappan	Shakespeare and Ilango as Tragedians - a comparative study	Dr. T. P. Meenakshisundaran
17.	M. Muthu	A study of the morphological Characteristics of the Vescles in the Intermediate Pituitary glands of some mammals	Independent
18.	D. Seenisamy	கம்ப இராமாயணத்தில் இயற்கை	Dr. M. Shanmugam Pillai
M. Litt.:			
1.	D. Peter	Cost Benefit analysis of paddy production in Thovalai Taluk - K. K. Dt.	Dr. John D. K. Sundersingh

CHAPTER VIII

BUILDINGS AND ACCOMMODATION

The following buildings and other works were completed during the year 1975.

	Name of the building	Cost in lakhs	Work taken on	Work Completed on	Occupied or used on	Financed by State (in lakhs)	Financed by University (in lakhs)
1.	Deepening 4 wells	0.22	1.4.75	30.10.75	30.10.75	—	0.22
2.	Construction of a culvert west of Administrative block.	0.025	1.4.75	30.6.75	30.6.75	—	0.25
3.	Co-operative stores and canteen.	3.15	1.8.74	28.2.75	12.6.75	—	3.15
4.	Co-operative printing press	4.54	15.8.74	28.2.75	—	—	4.54
5.	Construction of three bus garages in the Old Campus	0.50	1.10.75	7.5.75	8.5.75	—	0.50
6.	Additional room to V. C.'s residence	0.25	10.7.75	2.9.75	3.9.75	—	0.25
7.	Putting up a borewell near the OH. tank to the rear of Men's Hostel.	0.45	7.5.75	23.10.75	—	0.45	—
8.	External water supply arrangements to press, gymnasium, Co-operative store and State Bank Buildings.	0.375	10.2.75	11.4.75	12.4.75	0.375	—

9.	External sanitary arrangements to press, symnasium, co-operative Stores & State Bank buildings.	0.60	15.1.75	28.10.75	1.11.75	0.60	—
10.	Retaining wall to guest house.	0.025	1.9.75	24.10.75	25.10.75	—	0.025
11.	Curtains to the conference - cum-dining ball of guest house.	0,045	5.6.75	11.6.75	12.6.75	—	0.045
12.	Providing external water supply arrangements from the existing water supply grid at Mathematics block.	0.315	30.1.75	25.2.75	26.2.75	0.315	
13.	Providing internal line and existing line for the overhead tank near men's hostel and connecting the existing waterline grid in Madurai University.	0.280	7.1.75	30.1.75	1.2.75	0.280	—
14.	Providing external water supply arrangements east of Administrative block connecting the existing grid upto men's hostel in Madurai University.	0.250	7.1.75	30.1.75	11.12.75	0.250	—

The following building schemes have been taken up and they are in Progress:

1. The Gymnasium
2. Gallery for the gymnasium
3. Construction of the State Bank
4. Construction of the Health Centre
5. Providing wooden flooring to the gymnasium
6. Formation of the approach road to the Printing Press Building
7. Formation of the approach road to the store building

Various building programmes approved by the UGC will be taken up in due course. A special Engineering Division with necessary staff under the control of the Director of Technical Education, Madras-25 is incharge of all the new construction and maintenance works of the campus at Palkalai-nagar and the campus at Alagarkoil Road, Madurai-2.

CHAPTER IX

LIBRARY

Thiru S. Gnanamuttu, M. A., M.Lib.Sc. continued to be the Librarian of the University Library.

General :

The Library in the new building with its modern amenities and numerous services has become popular with the students and the staff of the University. It is kept open from morning 9 A.M. to 9 P.M. on all days.

Grant :

The University has allotted a total of Rs. 3,00,000 as recurring grant, out of which Rs. 2,00,000 has been earmarked for subscription to journals for 1975. Besides a total of Rs. 1,41,000/- has been granted to the various departments attached to the University under the head "Books". The balance amount viz., Rs. 1,50,000/- sanctioned under the University Grants Commission V Plan basic grant has been well utilized during the year under review.

The University Library arranged to procure books for the two study centres one at Madurai, and the other at Palayamkottai, utilising a recurring grant of Rs. 20,000/- sanctioned to each centre.

Books and Periodicals :

Following is a statement showing the number of new volumes added and the number of new journals subscribed for the year 1975.

S.No.	Number at the beginning of the year	Number added during the year	Total number of books/current periodicals
1. Books	96,400 ...	11,000 ...	1,07,400
2. Periodicals	613 ...	Nil ...	613

About 8,000 volumes were classified, catalogued and processed during the year. The services of the microfilm documentation section are made available to the departments. Nearly 50 books have been procured on Inter - Library loan basis from various libraries in the country for reference by the research scholars and staff of the departments.

Use of the Library

The increasing popularity of the University Library is attested by the growing number of members and visitors to the library. A total of 216 new members have been enrolled during the year, raising thereby the total number of members to 3735. The statistics for the book issue shows that the library collection is put to very good use. The total number of people visiting the Library in 1975 comes to 12910 and 125 books on an average have been lent to the members every day.

Courses in Library Science:

The certificate course in Librarianship extending over a period of 3 months is being conducted in 2 sessions; 30 students were admitted in each batch.

The first batch of 29 students in B. Lib. Sc. appeared for their final examination in April 75. Of the 27 students who came out successful, 4 secured first class. The second batch of students is presently undergoing training. Here it is to be noted that for the first time in India, the Madurai University is offering the B. Lib. Sc. degree course under the semester system from 1975- 76. The course has a challenging syllabus with ten subjects including practical and viva in the final examination.

Other information:

M/s. Macmillan & Co., Madras conducted an exhibition of books on various subjects in September 1975 in the Students Home near the Library Building and the exhibition was inaugurated by the Vice-Chancellor. The Heads of Departments of the various faculties of this University made an on-the-spot selection of books in their respective subjects. Thiru R. Paul Mohan Roy, Senior Technical Assistant was deputed to attend the Third International

Study Conference in Classification from 6th to 11th January 75 in Bhaba Atomic Research Centre at Bombay. Thiru D. Chandran, Junior Technical Assistant attended the Seminar at Bangalore jointly organised by DRTC and INSDOC from 1st to 5th December, 1975. The Library participated in the workshop on Photography conducted by the Department of Youth Welfare by arranging an exhibition of books on photography and allied arts.

CHAPTER X

ENDOWMENTS

There are at present 26 endowments instituted for award of prizes and medals, 5 endowments for delivering lectures and 2 endowments for debating competitions.

The following endowment has been instituted in this University during the year 1975 :

"Tamilnadu Tuberculosis Association' Endowment lectures"

Proposals have been received from the following persons/agencies for instituting prizes and medals in the University during the year and the amount noted against each was received. Conditions of award and other details are being finalised in consultation with the donors.

1.	Dr. M. Varadarajan Memorial Endowment Committee, Madurai.	Rs. 60,000/-
2.	Mrs. Rajammal Sundararajan, 1, Thulukkar St., West Avani Moola St., Madurai-1.	Rs. 4,000/-
3.	Thiru S. Vellaichamy Nadar, Virudhunagar.	Rs. 10,000/-

(Vallal S. Vellaichamy Nadar Vaira Vizha endowment for holding a two-day seminor on Thirukkural by eminent persons participating.)

A further amount of Rs. 7000/- is expected to be received from Dr. M. Varadarajan Memorial Endowment Committee, Madurai, before the end of February, 1976.

Details of the endowment lectures conducted during the year under report are furnished hereunder :

Sl. No.	Name of the Lectureship	Name of the Lecturer	Subject	Date of Lectures
1.	Sir C.V. Raman endowment lectures	Prof. E.C.G. Sudarshan, Department of Physics-Centre for Particle Theory (CPT), University of Texas at Austin, Texas, U.S.A.	1. The world of Elementary particles.	22nd July 1975
			2. Catastrophes and the growth of form.	23rd Jnly 1975
2.	Principal T Dhanakoty 61st Birthday endowment lectures	Swamy Siddbhavanantha, President, Vivekananda College, Tiruvedakam WEST, Sholavandan, Madurai Dt.	The way of Dharma (in two parts)	20th Jan. 1975 21st Jan. 1975

CHAPTER XI

ACCOUNTS

GRANTS FROM THE GOVERNMENT OF TAMIL NADU:

The Government of Tamil Nadu sanctioned a sum of Rs. 10 lakhs towards the Block grant for the year 1975-76 to be drawn in four equal quarterly instalments of Rs. 2.50 lakhs each.

The Government of Tamil Nadu sanctioned Rs. 4, 58, 878/- towards grant for the continuance of staff appointed by the University under IV Plan Development Schemes to be drawn in four equal quarterly instalments of Rs. 1,14,715/50 each after the cessation of UGC grant on expiry of IV Five Year plan on 31.3.74. Besides, the Government of Tamil Nadu have also sanctioned the following grants:

		Rs.
1.	Grant towards revision of scales of pay of non-teaching staff and payment of DA, HRA and CCA to the teaching staff—1974 - 75.	82,000
2.	Grant for the NSS-special camping programme during 1975—76 (Central & State share)	1,46,000
3.	Grant for the NSS - for 1975—76 (Central & State share)	1,44,000

Grants from the University Grants Commission and other ageneies:

University Grents Commission

1.	Junior Research Fellowships in Science	66,000
2.	Project on Development of Immune functions in fish	15,000
3.	Science Improvement Programme	1,00,000
4.	Summer Institute in Molecular genetics for College teachers during 1974	22,595.16

5.	Development scheme under 4th plan period - salary to additional staff for Scienee	7,600
6.	Library Books & Journals	70,000
7.	COSIP ...	40,000
8.	Students Aid Fund ...	9,935
9.	Salary of Russian lecturer	21,000
10.	Establishment of a Microbial culture centre	2,500
11.	Conducting an Intensive Course in Methodology	16,560
12.	Workshop on Examination Reforms	10,000
13.	Training Programme for college teachers	22,972.35
14.	Construction of Buildings	1,00,716.18
15.	Financial Assistance to teachers	500
16.	Studentship — Molecular Biology	5,400
17.	Southern Regional conference on Mathematics Education and Research	10,000
18.	Unassigned grant for 1974 - 75 and 1975 - 76	15,000

(ii) Council of Scientific and Industrial Research

1.	Grant for the Junior and Senior Fellowships	63,339
2.	Grant for "Molecular Mechanism involved in glucose"	7,800

(iii) Atomic Energy Commission :

1.	Project on "Mitrochondrial Temporal Sequence"	5,510
2.	Bio - synthetic scheme	6,350
3.	Dr. VR. Muthukaruppan's Scheme	7,130
4.	X - Ray Diffraction Scheme	14,346
5.	Fellowship — S. Alamelu	3,450

(iv) P. L. 480 :

1.	Dr. A. Gnanam — USDA	45,000
2.	Dr. S. Krishnasamy — Smithsonian	39,248

(v) MISCELLANEOUS :

1.	Govt. of Kerala (Malayalam Chair)		8,997
2.	Govt. of Andhra Pradesh (Telugu Chair)		
		1974 — 75	15,600
		1975 — 76	15,600
3.	Gandhian Studies & Ramalingar Philosophy		8,400
4.	Association of Indian Universities		1,600
5.	A. I. I. S.	...	9,000
6.	National Loan Scholarships	...	6,300
7.	ICMR Scholarships	...	5,200
8.	HarijanWelfare Scholarships	...	21,641

CHAPTER XII

OTHER ACTIVITIES

1. Scholarships for Post-graduate students of the University :

a) 133 Post-graduate students of the University were awarded various kinds of scholarships during the year 1974-75 as given hereunder :

	Men	Women	Total
1) Harijan Welfare Scholarships	12	4	16
2) Kallar Reclamation Scholarships	—	3	3
3) Backward Community Scholarships	53	36	89
4) National Scholarship to the children of school teachers	—	1	1
5) National Scholarship Scheme	5	3	8
6) National Loan Scholarships	5	9	14
7) Gandhi Memorial Scholarships	2	—	2

b) The University has instituted students' aid fund from the academic year 1970-71 for the benefit of students undergoing the post-graduate courses in the University departments. 6 students have been sanctioned aid for the year 1974-75.

2. Sports and Tournaments:

A detailed report on the sports and tournaments activities of the university is given in Appendix—U.

3. National Cadet Corps:

A detailed report about the activities of the N.C.C. in the University area is given in Appendix—V.

4. Debating Competitian :

During the year, essay competition was conducted. Details of the debating competition are given in Appendix—W.

5. Department of Youth Welfare :

A detailed report on the working of the Department of Youth Welfare and the National Service Scheme in the University and the Colleges is given in Appendix—X.

6. Institute of Correspondence Course and Continuing Education:

A detailed report on the working of the Institute of Correspondence Course and Continuing Education is given in Appedix-Y.

7. Evening College:

A report on the working of the Evening College conducted by the University is given in Appendix-Z.

8. Post-graduate hostels of the University:

A detailed report on the working of the Post-graduate hostels of the University is given in Appendix-AA.

9. Study Centres:

A report on the working of the Study Centres at Madurai and Palayamkottai is given in Appendix-AB.

10. Staff Welfare:

The Madurai University Central Co-operative stores and the Madurai University Employees Co-operative Thrift and Credit Society continued to function during the year under report. Details on the working of these societies are given in Appendix-AC.

11. Madurai Universrty Hostel Construction Co-operative Society Ltd.

The Madurai University Hostel Construction Co-operative Society Ltd., continued to render financial assistance to colleges for building hostels. A detailed report on the working of the society is in Appendix-AD.

CONCLUSION

The Vice-Chancellor and the Syndicate wish to place on record the good work done by the Professors, the other members of the teaching and non-teaching staff and members of the Engineering department of the university during the year.

They also wish to convey to the Principals and to the members of the Managements of the colleges, their sincere thanks for the whole hearted co-operation extended to the University authorities in its various endeavours for the successful working of the University during the year.

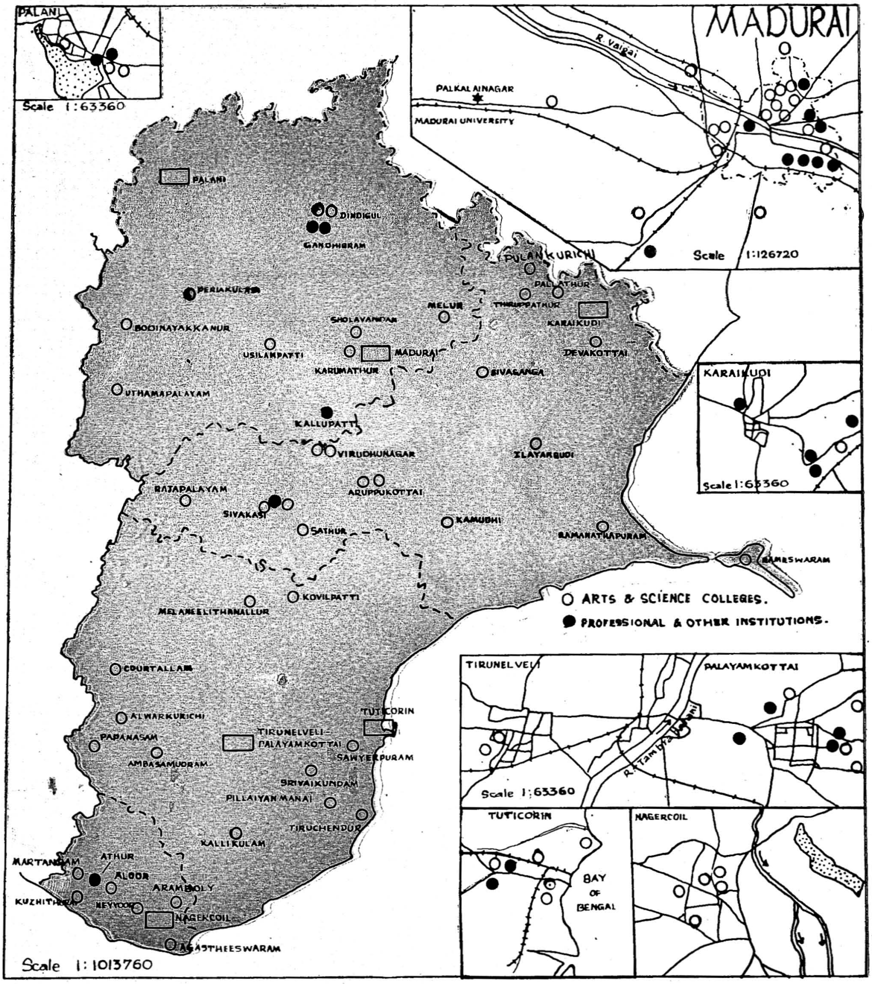
MADURAI UNIVERSITY

Affiliated Colleges and Approved Institutions—Locations

Place	Arts and Science Colleges	Professional Colleges and other institutions
Madurai District		
1. Madurai	(i) The American College	(i) Thiagarajar College of Engineering
	(ii) Fatima College	
	(iii) Lady Doak College	(ii) Madurai Medical College
	(iv) Madura College	
	(v) Muqyyath Sha Sirgirau Wakf Board College	(iii) Thiagarajar School of Management
	(vi) Saraswathi Narayanan College	(iv) Thiagarajar College of Preceptors
	(vii) Sentamil College	(v) St. Justin's Teachers' College for Women
	(viii) Sourashtra College	
	(ix) Sri Meenakshi Govt. College for Women	(vi) St. Joseph's Matriculation School
	(x) Sri Sathguru Sangeetha Vidyalayam	(vii) College of Gandhian Thought
	(xi) Nadar Mahajana Sangam S. Vellaichamy Nadar College	(viii) Madurai Law College
	(xii) Thiagarajar College	
	(xiii) Yadava College	

Places in which there are affiliated and approved institutions

Madurai University



Place	Arts and Science Colleges	Professional Colleges and other institutions
	(xiv) Madurai Institute of Social Work	
	(xv) Tamilnadu Theological Seminary	
	(xvi) Mannar Tirumalai Naicker College	
	(xvii) Tamilnadu Yadavar Ilaignar Sanga E. M. Gopalakrishna Konar Yadava Women's College	
2. *Palni*	(i) Arulmigu Palaniandavar Arts College	(i) Arulmigu Palaniandavar Mahalir Sentamizh Kallori
	(ii) Arulmigu Palaniandavar Arts College for Women	(ii) Arulmigu Palaniandavar Matriculation School
	(iii) Arulmigu Palaniandavar College of Indian Culture	
3. *Dindigul* :	(i) G.T.N. Arts College (ii) M.V. Muthiah Pillai Govt. Arts College for Women	
4. *Gandhigram*:	...	(i) Institute of Rural Health and Family Planning
		(ii) Lakshmi Teachers' Training College

Place	Arts and Science Colleges	Professional Colleges and other institutions
5. *T. Kallupatti* :	...	Gandhi Niketan Ashram
6. *Melur* :	Govt. Art. College	...
7. *Karumathur* :	Arul Anandar College	...
8. *Bodinayakkanur* :	Cardamom Planters' Association College	...
9. *Thiruvedagam* : *Sholavandan*	Vivekananda College	...
10. *Usilampatti* :	Pasumpon Muthuramalinga Thevar College	...
11. *Periyakulam* :	Jeyaraj Annapackiam College for Women	...
12. *Uthamapalayam* :	Hajee Karutha Rowther Howdia College	...
Ramanathapuram Dt.		
1. *Karaikudi* :	Alagappa College	(i) Alagappa Chettiar College of Engineering & Technology (ii) Alagappa College of Physical Education (iii) Dr. Alagappa Chettiar Training College (iv) Ramasamy Tamil College.

Place	Arts and Science College	Professional Colleges and other institutions
2. *Aruppukkottai* :	(i) Devanga Arts College	
	(ii) Saiva Bhanu Kshatriya College	
3. *Virudhunagar* :	(i) Virudhunagar Hindu Nadars' Senthikumara Nadar College	
	(ii) V.V.Vanniaperumal College for women	
4. *Sivakasi* :	(i) Ayya Nadar Janaki Ammal College	
	(ii) The Standard Fire works Rajaratnam College for Women	V.S.K. Duraiswamy Nadar English Matriculation School
5. *Sattur* :	Sri S. Ramasamy Naidu Memorial College	
6. *Kamuthi* :	Pasumpon Thiru Muthuramalinga Thevar Memorial College	
7. *Ilayangudi* :	Dr. Zakir Husain College	
8. *Sivaganga* :	Raja Doraisingam Memorial College	
9. *Tiruppattur* :	Arumugam Pillai Seethai Ammal College	
10. *Pulankurichi* :	V.S. Sivalingam Chettiar Government Art College	

Place	Arts and Science Colleges	Professional Colleges and other institutions
11. *Pallattur* :	Seethalakshmi Achi College for Women	
12. *Devakottai* :	Sree Sevugan Annamalai College	
13. *Rajapalayam* :	Rajapalayam Rajus' College	
14. *Ramanathapuram* :	The Sethupathi Government Arts College for Men	
15. *Rameswaram* :	Rameswaram Devasthanam Arts College	
Tirunelveli District :		
1. *Palayamkottai* :	(i) Sarah Tucker College	(i) Govt. College of Indians systems of Medicine
	(ii) St. Johns' College	(ii) St. Ignatius Training College for Women
	(iii) St. Xavier's College	(iii) St. Xavier's College of Education
	(iv) Sadaquathullah Appa College	
2. *Tirunelveli* ;	(i) The M.D.T. Hindu College	Tirunelveli Medical College
	(ii) Rani Annadurai Govt. Arts College for Women	

Place	Arts and Science Colleges	Professional Colleges and other institutions
3. *Tuticorin* :	(i) Kamaraj College	(i) Annammal Training College for Women
	(ii) St. Mary's College	
	(iii) V. C. Chidambaram College	(ii) V. O. C. Teachers' College
	(iv) A.P.C. Mahalakshmi College for Women	
	(v) Holy Cross Home Science College	
4. *Sawyerpuram* :	Pope's College	
5. *Srivaikuntam* ;	Sri Kumara Gurupara Swamigal Arts College	
6. *Pillaiyanmanai* :	Nazareth Margoschis College	
7. *Tiruchendur* :	Aditanar College of Arts and Science	
8. *Kallikulam* :	Dakshina Mara Nadar Sangam College	
9. *Ambasamudram* :	Ambai Arts Collcge	
10. *Alwarkurichi* :	Sri Paramakalyani College	
11. *Courtallam* :	Sri Parasakthi College for Women	
12. *Papanasam* :	Thiruvalluvar College	
13. *Melaneelithanallur* :	Pasumpon Muthuramalinga Thevar College	

Place	Arts and Science Colleges	Professional Colleges and other institutions
14. *Kovilpatti* :	G. Venkatasamy Naidu College	
Kanyakumari District		
1. *Nagercoil* :	(i) Holy Cross College	
	(ii) Pioneer Kumaraswamy College	
	(iii) Scott Christian College	
	(iv) S.T. Hindu College	
	(v) Women's Christian College	
2. *Agasteeswaram* :	Vivekananda College	
3. *Aramboly* :	Arignar Anna College	
4. *Neyyoor* :	Lekshmipuram College of Arts and Science	
5. *Aloor* :	Sree Ayyappa College for women	
6. *Martandam* :	Christian College	
7. *Attoor*	...	The N.V.K S.D. Teachers College
8. *Kuzhithurai* :	Sree Devi Kumari Women's College	

Appendix – A.

Statement showing the number of Teaching Staff working in the Madurai University as on 1-12-75.

SCALE OF PAY

Professors : Rs. 1,100-50-1,300-60-1,600
Reader : Rs. 700-50-1,250
Lecturer : Rs. 400-40 800-50-950.

Sl. No.	Name of the Dept.	Paid by University			Paid by U.G.C.			Paid by other Govt. / Bodies		
		Prof.	Reader	Lecturers	Prof.	Reader	Lecturers	Prof.	Reader	Leeturers
1.	2.	3	4.	5.	6.	7.	8.	9.	10.	11.
1.	Tamil	1	1	7	—	1	1	—	—	—
2.	Languages	—	–	1	—	2	2	—	—	—
3.	French	—	—	3	—	—	—	—	—	—
4.	Economics	1 (on leave)	†1	1	—	2	5	—	—	—
5.	English	—	1	1	1	1	3	—	—	—
6.	Biology	2	2	2	—	7 (1 on leave)	—	—	—	—
7.	Cosip (Biology)	—	—	—	—	—	—	—	—	—
8.	Natural Products Chemistry & Physical Chemistry	—	1	4	1	—	2	—	—	—
9.	Physical Organic Chemistry & In-organic Chemistry	1	—	4	—	1	1	—	—	—

† Professor in Charge

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
10.	Physics	1	2	4	—	2	2	—	—	—
11.	Mathematics	1	1	3	—	4	3	—	—	—
12.	Ancient History	—	—	1	1	—	—	—	—	—
13.	Modern History	—	—	—	1	—	1	—	—	—
14.	Thirukkural	—	1	1	—	—	—	—	—	—
15.	Telungu	—	—	—	—	—	—	1	—	—
16.	Malayalam	—	—	—	—	—	—	—	1 (Director)	-
17.	Kannada	—	—	—	—	—	—	1	—	—
18.	Geography	—	1 (Director)	1	—	—	—	—	—	—
19.	C. L. C. A.	—	—	—	—	—	—	—	—	--
20.	Evening College	1 Director (Part-time)	—	58 (Part-time)	--	---	---	---	--	--
21.	A.I.I.S.	—	—	—	—	—	—	—	—	—
22.	Studies on Gandhi & Ramalingar Philosophy	—	1 (Director)	—	—	—	—	—	—	—
23.	Extension Centres— Virudhunagar	—	—	—	—	—	—	—	2	—

	Tuticorin	—	—	—	—	—	—	—	2	—
	Karaikudi	—	—	—	—	—	—	—	1	—
	Nagercoil	—	—	—	—	—	—	—	1	—
	Palni	—	—	—	—	—	—	--	2	--
24.	Library	—	—	1	--	--	--	--	--	--

25. Correspondence Course :

Director	1
Senior Lecturers	5
Lecturers	46
Part - time Lecturer	1

26. Physical Education — 1 Director

27. Saivasiddhanta — 1 Special Officer.

Statement showing the number of Non-teaching staff working in the Madurai University as on 1-12-1975.

S. No.	Name of the Dept.	Senior Supt.	Supts.	Sl. Gr. Asst.	Assts.	Clerks.	Store Clerk	Peon	Watchman	Gardener	Sweeper	Drivers	Techs.	Sr. Techs.	Jr. Techs.	Telephone Operator	Others.
1.	2.	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1.	Tamil	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
	(i) Languages	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
2.	French	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
3.	Economics	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
4.	English	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
5.	Biology	-	-	-	-	1	-	2	-	-	-	1	6	-	-	-	-
	Fieldman - 1															-	-
6.	NPCPC	-	-	-	-	1	1	2	-	-	-	-	3	-	-	-	-
	Micro-Analyst -1																
7.	Chemistry (POCIC)	-	-	-	-	1	1	2	-	-	-	-	3	-	-	-	-
8.	Physics	-	-	-	-	1	1	1	-	-	-	-	6	-	-	-	-

6.	Mathematics	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
10.	Ancient History	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
11.	Geography	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
12.	Evening College	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-
	Senior Technical Asst. 1.																-
13.	Physical Education	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-
14.	University Library																-
	Senior Librarian-1.	-	-	1	1	13	-	4	1	-	3	-	-	1	4	1	2 (Scavenger)
15.	University Works Dept.																
	Asst. Engineer-1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	2*
	Electrician-8.																
	Helper-3.																
16.	Youth Welfare Director-1.	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
17.	World University Service	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
18.	National Service Corps	-	-	-	1	1	-	2	-	-	-	1	-	-	-	-	-
19.	Study Centre at																
	Madurai-Asst. Librarian-1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
	Palayamkottai-Asst. Lib.-1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
20.	Thirukkural Chair	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-

*1Pump Attender. and 1 Store & tool keeper

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
21.	G.L.C.A.	-	-	-	-	1	-		-	-	1	-	-	-	-	-	-
22.	Building Division	-	-	-	1	2	-	-	-	-	-	1	-	-	-	-	-
	Garden Oversees -1																
	Draftsman -1																
	Typist -1																
23.	Correspondence Course	-	4	5	6	44	-	16	2	–	3	1	-	-	-	-	1
	Asst. Registrar - 1														(Scavenger)		
	Addressographer - 1																
	Duplicator Operator - 1																
	Conductor - 1.																
24.	Registrar's Office	5	11	13	26	121	1	27	16	18	8	4	-	-	-	1	1
	Registrar	- 1													(Scavenger)		
	Controller of Exams.	- 1															
	Dy. Registrar	- 1															
	Asst. Registrar	- 1				(Sweeeper-cum-Gardener-cum-Watchman)-4											
	Public Relations Officer	- 1															
	Sergeant	- 1															
	Conductor-Cleaner	- 1															
	Duplicator Operator	- 1															
	Care - Taker	- 1															

Appendix B

LEGISLATION

The following Statutes, Ordinances and Regulations were adopted by the Senate at its two meetings held on 29th March, 1975 and 11th September, 1975.

STATUTES

1) General :

The word 'bond' under statute XII and XVIII of Chapter XXVIII of Volume I Calendar of the University has been deleted and instead the following were added :

"Agreement on the stamp paper to the value of Rs. 250/-". The specimen of agreement was also approved.

2) Examination Fees :

The following was inserted in the appropriate places in Chapter XXXVI of Part I of Volume II Calendar of the University under statute 1 (a) - Examination fees.

(i) M. Sc. Course in Br. VI (b) Zoology :

I Year - I Semester	- Rs. 50/-
I Year - II Semester	- Rs. 50/-
II Year - I Semester	- Rs. 50/-
II Year - II Semester	- Rs. 50/-

Subsequent appearance for each subjects or practicals (subject to the maximum prescribed for each semester) - Rs. 20/-

(ii) M. Sc. Course in Molecular Biology :

I Year - I Semester	- Rs. 50/-
I Year - II Semester	- Rs. 50/-
II Year - I Semester	- Rs. 50/-
II Year - II Semester	- Rs. 50/-

(iii) M. Sc. Course in Br. III (a) Physics:

Part II - Each Paper - Rs. 25/-

(iv) I B. G. L. - Whole Examination - Rs. 75/-

I B. G. L. - Each Division - Rs. 30/-

II B. G. L. - Whole Examination - Rs. 75/-

II B. G. L - Each Division - Rs. 30/-

(v) B. Music Degree Examinations :

5 papers at the end of III Year - Rs. 50/-

(vi) For all B. A./ B. Sc./ B. Com./ B. B. A./ B. Mus./ B. Sc. (Home Science) / B. A. (Special) / B. Sc. (Special) Degree Courses under the Semester System :

Parts I, II and III :

(Main and Ancillary)

For each written paper - Rs. 10/-

For each Practical - Rs. 10/-

(vii) 2-D Pulavar - Tamil:

Preliminary and Final - Each Paper-Rs. 10/-

(viii) B. A. Br. XIII- Indian Culture Examinations :

Main Papers :

a) One Paper at the end of the First Year - Rs. 7/-

Subsequent appearance for the First Year paper - Rs. 7/-

b) Three Papers at the end of the Third Year - Rs18/-.

Ancillary Papers

One of the ancillary papers at the end of the II Year - Rs. 8/-

One of the ancillary papers at the end of the III Year - Rs. 7/-

Subsequent appearance for the II Year ancillary - Rs. 8/-

Subsequent appearance for the III Year ancillary - Rs. 7/-

(ix) B.A. Br. XII - B. Specialised Tamil :

Subsequent appearance for each paper each year	- Rs. 7/-
B. A. Branch XII-C Specialised course in Sanskrit and Tamil for I, II and III year:	
For each Paper	- Rs. 7/-
Subsequent appearance for each paper	- Rs. 7/-

ORDINANCES

3) Exemption Fees :

Amendment to ordinance II (other fees) of Chapter XXXVI of Part I of Volume II Calendar of the University prescribing exemption fee was approved.

i) Application for exemption from candidates after private study for M.Sc. degree examination in Mathematics.	Rs. 50/-
ii) Application for exemption from production of attendance certificate from candidates after private study for the certificate examination in Gandhian Thought.	Rs. 15/-
iii) Application for exemption from production of attendance certificate from candidates after private study for the diploma examination in Gandhian Thought.	Rs. 25/-

4) Last date for applying for exemption :

Amendment to ordinance XI under item VIII (exemption application when to be made) of Chapter XXXIX of Part I of Volume II of university calendar was approved.

M.Sc. degree examination in Mathematics - 31st July, preceeding the April examination.

5) Fee for Issue of Duplicate Transfer Certificate :

Amendment to ordinance - other fees of Chapter XXXVI of Part I of Volume II of university calendar for issue of duplicate Transfer Certificate was approved.

For the issue of duplicate transfer certificate to the students of University Departments or Evening College or Institute of Correspondence Course of the University } Rs. 10/-

6) Programme of Dates of Examination :

Amendment to ordinance in Chapter XXXVII of part I of Volume II of university calendar relating to the programme of examinations for the following courses was adopted.

Examination.	Last date for receipt of applications together with the receipt of payment of fees in the Registrar's Office.	Last date for submitting certificates.	Date of Commencement of Examinations.	Date of Publication of results.
M. Sc. (Semester) Molecular Biology	October lst and January 20 th	December lst and April lst	December 15th and April 15th	January 15th and June 10th
First and Second B.G.L. Courses.	January 20th or July15th	April lst or Sept. 10th	April 15th or October 15th	2nd Monday in June or 3rd Monday in November

7) Pre - University Course :

The existing ordinance 8 (i) and (ii) passing minimum of Chapter XLI-Pre-university examination has been deleted and instead the following has been substituted:

8. (i) Not less than 40% of marks in Part I - Language :
(Papers I and II put together)

(ii) Not less than 40 % of marks in Part II English.
(Papers I ond II put together),

Regulations

I. Regulations and Syllabus :

Regulations and syllabi for the following courses were approved

1. B.Lib. Science course under Semester system.
2. Certificate and Diploma courses in Tamil for non-Tamils.
3. B.A.degree course in Tourism under semester system.
4. Post-graduate Diploma course in Tourism under semester system
5. B.Lit. degree course in Tamil.
6. Certificate and diploma courses in Science of Creative Intelligence.
7. M.P.Ed. degree course under semester system.
8. M.Com. degree course under semester system.
9. Under-graduate courses under semester system.

II. Syllabus

1. Revised syllabus and recommended books for the subject 'Historical Method and Historiography' for Br.I (a) M.A. History course was approved.
2. Syllabi for M.Sc. Mathematics and M.Phil.course in Mathematics under semester system were approved.
3. Syllabus for Paper-II Advanced Pharmaceutical Chemistry of Natural Products and Paper III-Advanced Pharmaceutical Chemistry of Synthetic drugs of Br.II-Pharmaceutical Chemistry of the M.Pharm. degree course was approved.

III. Scheme of examination :

1) Scheme of examination for the M.A.degree course in Social Work under semester system was approved.
2) Revised scheme of examination under part III of the B.Sc. Home Science degree course was approved.

IV. Amendments to regulations :

1) Amendment to regulation 11 (iv) relating to passing minimum and classification of successful candidates of the part-time B.E. degree course was approved.

11 (iv) Candidates who are eligible for the degree by passing all the examinations within the prescribed minimum period of seven semesters from the date of their admission to the course and secure an aggregate of not less than 60% of the total marks in University examination and sessional work for the entire course shall be declared to have passed the examination for the degree in First Class.

Note : This will come into effect from the examination of April, 1974 (i.e. from the first batch of students who have completed the course in April, 1974.)

2) Amendment to regulations fixing passing minimum together with corrections in the regulations for Br. VI (b) M.Sc. Zoology (Semester) was approved.

3) Amendment to regulations relating to M.D. and M.S. degree courses was approved.

Candidates who have already qualified for the Diploma examinations in Medicine in a speciality and apply for admission for the M. D. degree course in the same speciality should put in a course for a period of two years. They will take Part I of the examination (Medicine and Applied Basic Sciences) at the end of the first year of the course after full registration and Part II at the end of the second year. Candidates who fail in Part I may take the examination along with Part II at the end of the second year. Candidates who fail in Part I may take the examination along with Part II.

Regulation II of the M. S. degree:

'Candidatles who have already qualified for any of the Diploma examination in Surgery in a speciality and apply for admission for the M. S. degree course in the same speciality should put in a course for a period of two years. They will take Part I of the examination at the end of the first year of the course after full registration and Part II at the end of the second year. Candidates who fail in Part I may take the examination along with Part II.
Note: These will come into effect from April, 1975 session.

(4) Amendment to regulations relating to Br. IV M. A. Geography (Semester) course was approved.

(i) That the Regulation No. 3 relating to the University examinations be deleted and instead the following be inserted:

Candidates who secure less than 50% in a paper in Theory+Practical+Records put together be considered to have failed in that paper.

Candidates who secure 50% of the total marks in Theory+Practical+Records counted together in each semester with a passing minimum of 50% (Theory, Practical and Records) put together in each paper at the University Examination at the end of each semester shall be declared to have passed in that semester.

(ii) That wherever the words '45% of Marks' occur in the regulations indicating the passing minimum for each paper be deleted.

(iii) That para 3 under Regulation No. 5 be deleted and instead the following be inserted:

'Promotion from 1st year to 2nd year: Candidates who pass in any two papers out of four papers at the end of first year are eligible for promotion to the second year of the M. A. degree course in Geography.'

(iv) That the above revised regulation will come into effect from July, 1974 onwards (i.e. for the candidates who took their I semester examination in December, 1974).

(v) That the existing regulations regarding passing minimum will be applicable to the candidates appearing for the M. A. Geography examination under the old regulations till December, 1976.

5) Amendment to regulation for Br. VII (a) M. Sc. Biology course was approved.

(A student who fails to get the minimum marks required for a pass may be asked to take the examination in the failed papers at the next appearance.

Note: This will come into effect from the examination of November, 1974.

6) Amendment to regulations regarding the passing minimum for 2-D Pulavar (both preliminary and final course) was approved.

2-D Pulavar (Preliminary and Final) (Revised Scheme) Passing minimum

A candidate should obtain a minimum of 35% of marks in each paper separately for a pass in 2 - D Pulavar course. This regulation is applicable to both Preliminary and Final courses. If a candidate fails in one paper or papers under this regulations he may appear in the failed paper/papers in the subsequent appearance.

Note ; Permission has been granted to the old regulation candidates (i.e. the candidates who appeared and failed in the examinatio5 of April, 1974 or earlier to appear for the examination of April, 1975 under the new regulations also if they wish, but option is left to the candidates, However, the regulation will continue upto the examination of April, 1976. Permission has also been granted to the private candidates to appear for the examination of April,1975 either in old regulations or in new regulations. After the examination of April 1976, all candidates will come under the new regulation only.

7) Amendment to para 4 relating to admission to M. Ch. Neuro-Surgery course was approved.

The existing para 4 of the modifications in the rules and regulations for admission to the M. Ch. Neuro-Surgery course has been deleted and instead the following has been substituted.

'Candidates for the M. Ch. (Neuro-Surgery) course shall register themselves with the University prior to the commencement of the course on the 1st April of every year paying the prescribed fee. Registration for this course will be done once in a year in April only.'

Note : This will come into effect from April, 1975 session.

8) Amendment to regulation 9 regarding subsequent appearance of Br. III (a) M. Sc. Physics was approved.

The existing Regulation 9 regarding subsequent appearance of Branch III (a) of M. Sc. Physics has been deleted and instead the following has been substituted.

9. Subsquent appearance : If a student fails in one or more papers either in theory or practical of Br. III (a) M. Sc. Physics, he need repeat only those papers in written/practicals in which he has failed. This is applicable for Part I (I year) as well as Part II (II year). If a candidate fails in I year practical he may repeat the same at the end of II year along with II year practical examination.

Note: This will come into immediate effect.

9) Amendmemnt to regulations relating to M.A. non-semester course was approved.

The following amendment to regulations has been incorporated in the appropriate places in the regulations of all M. A. non-semester courses.

1. Passing minium :

A candidate should obtain 45% in each paper and 50% in the aggregate for a pass in Part I and II separately, and for Parts I and II put together for a pass. A candidate will be permitted to appear for the examination Part by Part. If a candidate fails in Part I he will be permitted to proceed to the second year and write part II of the examination along with Part-I. In the case of bonafide teacher candidates they will be permitted to appear for both the parts together if they so desire.

2. Number of chances of appearance permissible :

Only three chances are permissible for Part I and II separately. This is applicable to all non-semester courses from April, 1975.

3. Minimum mark required for a pass :

(i) The minimum mark required for a second class for all M.A.non-semester courses including M.A.degree in Social Work is 50% (Parts I and Part II taken together).

ii) That this will come into effect from the examination of April, 1975.

iii) That the candidates who appear and fail in the second year of M.A.degree examination in April, 1975 or earlier will be permitted to appear under the same rules and classification and passing minimum (Regulations) upto the examination of April, 1978.

NOTE:

1. The above amended regulation is applicable to the M.A. degree examinations in the following branches of study:

Br.I (a) - History

Br.III - Economics

Br.IV (i) - Philosophy and Religion

Br.VII (a) - Tamil

Br.VII (a) - English

Br.VII - French

Br.XI - Indian Culture and

Br.XI (b) Social Work

2. Permission has been granted to the candidates who have already passed either of the Parts and are appearing for the other parts in April, 1975 to come under the new regulation. It is however felt that provisions of the new regulation may not be in the interests of all such candidates. Hence every such candidate is required to give an option regarding the regulation under which he/she wishes to be governed. Candidates should consider all the implications of the old and new regulations before giving their option. The option once exercised will be final and cannot be revoked under any circumstances.

3. Such candidates, it they opt for the new regulation, will then be declared to have passed the whole examination only if they obtain 50% of marks both in Parts I and II taken together. If they obtain 50% of marks in the part in which they appeared in April, 1975 but fail to obtain 50% in the aggregate for Parts I and II taken together, they will not be declared to have passed the M. A. degree examination. Such candidates should appear again and obtain 50% in the aggregate for Parts I and II takan together before they are declared to have passed the M. A. degree examination.

10) Amendment to regulation relating to admission to the Bachelor of Rural Development Science course was approved.

Candidates for the Degree of Bachelor of Rural Development Science shall be required to have passed the Pre-University examination of this University or of any other University as equivalent thereto and to have subsequently undergone a prescribed course of study in an affiliated college of this University for a period of not less than three academic years or nine terms.'

NOTE: This will come into immediate effect.

11) Amendment to regulation relating to condition for admission to the Post-graduate Diploma course in Electro - chemical Engineering was approved.

A candidate with B. E. degree in Electrical or Mechanical or Metallurgical Engineering of the Madurai University or of any other University or Institution recognised as equivalent thereto or the B. Sc. (Tech.) or B. Tech. degree in Chemical Engineering of a recognised University Institution, shall be eligible for admission to the course.

NOTE: This will come into effect from the academic year 1975 -'76

12) Amendment to regulations relating to M.D. / M.S. courses was approved.

I. Candidates for M. D. Br. I shall undergo the course for 2 years if they have the following qualifications:

(a) Have worked in the State Medical Services or Armed Forces Medical Services or equivalent services for a period of 5 years.

OR

(b) Have worked in the Clinical Departments in Hospitals approved by the University for internship (Compulsory Rotatory House-Surgeonship) training for a period of 3 years.

OR

(c) Have worked as a Senior House-Surgeon or Resident Intern/Tutor or Assistant Surgeon in a teaching Hospital for 1 year out of which not less than 6 months shall be spent in the Department of Medicine.

II. Candidates for M.D.Br.III (a) and (b), Br. IV, Br. V and Br.VI shall undergo the course for 2 years if they have the following qualification :

(a) Have worked in the State Medical Services or Armed Forces Medical Services or equivalent services for a period of 5 years.

OR

(b) Have worked in any Departments in institutions/Hospitals approved by the University for internship training (Compulsory Rotatory House Surgeonship) for a period of 3 years

OR

(c) Have worked as Tutor/Demonstrator/Assistant Surgeon in the concerned department of teaching institution/hospital for 1 year.

III. Candidates for M.S.Br.I shall undergo the course for 2 years if they have the following qualifications :

(a) Have worked in the State Medical Services or Armed Forces Medical Services or equivalent service for a period of 5 years.

OR

(b) Have worked in the clinical departments in the Hospitals approved by the University for Internship (Compulsory Rotatory Housemanship) training for a period of 3 years.

OR

(c) Have worked as a Senior House-Surgeon and/or Resident Intern/Tutor or Assistant Surgeon in a teaching hospital for a period of I year out of which not less than 6 months shall be spent in the department of Surgery.

IV. Candidates for M.S.Br.III (Anatomy) shall undergo the course for 2 years if they have the following qualifications:

(a) Have worked in the State Medical Services or Armed Medical Services or equivalent Services for a period of 5 years

OR

(b) Have worked in any departments in Hospitals/institutions approved by the University for internship (Compulsory Rotatory Houseman-ship) training for a period of 3 years.

OR

(c) Have worked as a Tutor/Demonstrator/Assistant Surgeon in a teaching institution for a period of 1 year in the department of Anatomy.

Note : These will come into effect retrospectively for the candidates who have registered in October 1973 session.

13) Amendment to regulations relating to M.Sc. Mathematical Economics examinations was approved.

(i) Amendment to regulations relating to passing minimum, classi-fication of successful candidates of the M.Sc. Mathmatical Economics examination and transitory provision prescribed for the M.Sc. Mathematical Economics students who appeared for Part I examination in April 1974 and for Part II examination in April 1975 have been approved.

Part I	40% of marks in each paper and 45% aggregate	Parts I and II separately
Part II	40% of marks in each paper and 45% aggregate	

Note : Candidates are allowed to appear paper wise in Part I only. A candidate who does not secure the aggregate minimum in part I may appear for any paper of papers of his choice in that part to get the required aggregate minmum for pass not with standing his having secured the required minimum of 40% in each of the papers of Part I.

Classification of successful Candidates:

I Class : 60% and above (both parts put together)

II Class : 45% and above but below 60% (both parts put together)

Transitory provision to the above candidates ;

Part I — Upto the examination of April, 1976.
Upto the examination of April, 1977.

(ii) Amendment to regulation relating to passing minimum etc., for the M. Sc Mathematical Economics candidates who appeared for Part I examination in April 1975 and for those who will be appearing for the same in the subsequent years as fresh candidates has been approved.

Part I ; 45% in each paper and 50% aggregate	}	separately for Parts I and II
Part II : 45% in each paper and 50% aggregate		

As per the above regulation, if a candidate fails in Part I, he shall be permitted to take part I alone or parts I and II together or part II alone in his subsequent appearance.

If a candidate obtains less than 45% of the marks in any paper either n Part I or Part II, he must appear for the entire examinations under that part. If a candidate obtains 45% of marks in all the papers either in Part I or Part II but fails to obtain an aggregate minimum of 50% in that part, he is deemed to have failed in that part and he will have to appear for that whole part in his subsequent appearance. In case, a candidate obtains the aggregate minimum for that part and fails to obtain the paper minimum in any paper of that part he in deemed to have failed in that part and he will have to appear for that part, in his subsequent appearance.

Classification of successful candidates:

I Class : 60 % and above (both parts put together)

II Class : 60 % and above but below 60 (both parts put together)

Note: These will come into immediate effect.

(14) Amendmemt to regulations relating to M. Com. degree course was approved.

1. Passing minimum :

A candidate should obtain 45% in each paper and 50% in the aggregate for a pass in Part I and Part II separately. A candidate will be permitted to appear for the examination part by part. If a candidate fails in

Part I, he will be permitted to proceed to the second year and write Part I of the examination along with Part II.

2. Number of chances of appearance permissible :

Only three chances are permissible for Part I and Part II separately.

3. Classification of successful candidates :

Candidates who obtain 50% and above but below 60% in Part I and Part II taken together shall be placed in the II class. Candidates who obtion 60% and above in Parts I and II taken together shall be placed I Class.

Note : These will come into effect from the examination of April, 1976 (i. e. for those joining in June 75 in the first year).

The candidates who joined the course in June 75 and earlier will be permitted to appear in the same rules and classification and passing minimum up to the examination of April, 1978.

(15) Amendment to regulation relating to prescription of separate minimum marks for the viva voce examination of certificate and diploma in Russian examinations was approved.

(i) A separate maximum marks of 100 allotted for translation be distributed as 80 marks for translation and 20 marks for viva voce examinations of the certificate and Diploma examinations in Russian.

Note: These will come into effect from the examination of May, 1975.

(16) The following proviso was included in the appropriate places of regulation 10 of Chapter XLII of Volume II of Part II of the University Calendar; 1974.

"The B. T. or B. Ed. degree holders who have not studied Tamil under Part II in their degree course (i.e. B.A. or B. Sc. degree course) shall be permitted to appear and qualify for Part I - Tamil of the B.A./B.Sc. degree course as private candidates:

Note : This will come into effect from the year 1975-76 (i. e. for candidates appearing for April 1976 examination)

(17) Amendment to regulations relating to admission to B. I. M. course was approved.

Candidates for admission to the B. I. M. degree course shall be required to have passed:-

(1) The Entrance Test to B. I. M. conducted by the Madurai University; candidates should have previously qualified at the S. S. L. C. examination or the Matriculation Examination or an examination considered as equivalent thereto.

Note : The Entrance Test for admission to B. I. M. degree course consists of an examination in Advanced Tamil under Part III of the Pre-University Examination of this University.

2) Advanced Tamil only under Part III of the Pre-University examination of this University or of any other University considered as equivalent thereto, though the candidates have not passed in other subjects under Part III of the Pre-University examination.

OR

3) Tamil only under Part I or Part II, as the case may be, of the B. A./ B. Sc. / B. Ss. (Home Science) /B. Mus. degree examination of this University or of any other university considered as equivalent thereto, though the candidates have not passed in other parts of the above degree examinations.

General :

1) The assignment of branches for the following courses was approved.

1. Br. VI (a) M. Sc. Zoology (Non-Semester)
2. Br. VI (b) M. Sc. Zoology (Semester)
3. Br. VII (a) M. Sc. Biology (Semester)
4. Br. VII (b) M. Sc. Molecular Biology (Semester)

NOTE : This will come into immediate effect.

2) The elective subjects under groups B and C have been combined into one group and called group B and the present group D has been named as Group C.

The re-allocation of groups for the elective subjects of the B. E. degree in Mechanical Engineering was approved.

3) The portion under 'Plastic Behaviour' for the subject 302 Applied Mechanics in Group III of five year B. E. degree was modified to read as follows:

PLASTIC BEHAVIOUR

Elementary principles of Plastic behaviour of Beams in pure bending rectangular and circular sections. Failure Theoires, Principles stress theory and maximum shear stress theory.

Note : This will come into effect from the academic year 1975-'76.

4) The nomenclature of Branch III - Electrical Engineering in regulation 4 Branches of study of the five year B. E. degree course and part-time B.E. degree course has been changed as Branch III - Electrical and Electronics.

5) The subject 'Operations Research' has been introduced as an elective under Group A and Group C for Mechanical Engineering branch of the five year B. E. degree course and the syllabus for the same was approved.

6. The subject 'Architecture' has been included in Group A of elective subjects for the Civil Engineering branch of the five year B. E. degree coure.

7) It has been decided to conduct the supplemental examination for Br. VI (b) of M. Sc. Zoology course as in the case of other M Sc. Semester courses.

APPENDIX—C

List showing the names of the colleges to which fresh/further affiliation was granted during the academic year 1975—'79.

Sl. No.	Name of the College	Subject for which affiliation was granted
	Fresh Affiliation	
1.	Holy Cross Home Science College, Tuticorin.	B. Sc. Home Science
2.	St. Thomas English School, Innacipuram, Tuticorin.	Matriculation
	Further Affiliation	
1.	M. S. S. W. B. College, Madurai.	(i) P. U. C. Commerce and Advanced English under Part III. (ii) B. Com.
2.	Sourashtra College, Madurai.	B. Sc. Mathematics major with Physics & Chemistry as ancillaries
3.	Yadava College, Madurai	(i) B. Sc. Mathematics major with Physics aud Chemistry as ancillaries (ii) B. Sc. Zoology major with Chemistryand Botany as ancillaries
4.	Fatima College, Madurai.	(i) Commerce under Part III of P. U. C. (ii) B. Com.

Sl. No.	Name of the College	Subject for which affiliation was granted
5.	Lady Doak College, Madurai	(i) Commerce under Part III P. U. C. (ii) French under Part I of P. U. C./ Degree Course
6.	Sri Meenakshi Government College for Women, Madurai.	M. A. Economics
7.	Madurai Medical College Madurai.	M. Pharmacy
8.	Madura College, Madurai- 1.	Diploma Course in Sanskrit
9.	Lakshmi Teachers' Training College, Gandhigram.	M. Ed.
10.	H. K. R. H. College Uthamapalayam.	B. Com.
11.	Arulmigu Palaniandavar Arts College, Palni	M. Sc. Botany (Semester)
12.	Arulmigu Palaniandavar College of Indian Culture, Palani.	(i) B. A. Tourism (Semester) (ii) Certificate course in Gandhian Thought (iii) Certificate course in Indian Culture (iv) Diploma Course in Gandhian Thought

Sl. No.	Name of the College	Subject for which affiliation was granted
13.	Ayya Nadar Janaki Ammal College, Sivakasi.	(i) M. Sc. Mathematics (ii) Statistics ancillary for B. Sc. Mathematics Major
14.	Rajapalayam Rajus' College, Rajapalayam.	(i) P. U. C. Advanced Tamil (ii) B. Com.
15.	Saiva Bhanu Kshatriya College, Aruppukkottai.	B. Com
16.	Sree Sevugan Annamalai College, Devakottai.	B. Com.
17.	V. H. N. S. N. College, Virudhunagar.	Banking as an optional for B. Com. instead of co-operation.
18.	Rameswaram Devasthanam Arts College, Rameswaram.	P. U. C. Commerce Economics and Sanskrit
19.	Ambai Arts College, Ambasamudram	B. Com.
20.	Dakshina Mara Nadar Sangam College, T. Kallikulam.	(i) P. U. C. - Biology (ii) B. Com.
21.	Sri Paramakalyani College, Alwarkurichi.	Ancillary Statistics for B. Sc. Mathematics
22.	Thiruvalluvar College Pothigaiyadi, Papanasam.	(i) P.U.C.-Part III-Mathematics in lieu of Adv. English (ii) B. Com.
23.	Kamaraj College, Tuticorin.	B. Com.

Sl. No.	Name of the College	Subject for which affiliation was granted
24.	St. Mary's College, Tuticorin.	B. Com.
25.	A.P.C. Mahalakshmi Women's College, Tuticorin.	Ancillary for B. A. History Major-Political and constitutional History of England from 1603 A.D. to the present day in lieu of Political and constitutional History of England upto 1603 A. D.
26.	Sree Ayyappa College for Women, Alloor.	(i) P.U.C. Advanced Malayalam. (ii) B. Sc. Zoology major with Chemistry and Botany as ancillaries.
27.	Pioneer Kumaraswamy Follege, Nagercoil	(i) B. Sc. Chemistry major (Semester) with Physics and Mathematics/Zoology as ancillaries. (ii) P. U. C. Part I - French
28.	S. T. Hindu College, Nagrcoil.	(i) P.U.C. Geography (ii) Diploma course in Marxian Thought and Ideology
29.	P. M. T. College, Usilampatti	B. A. Sociology
30.	The S. F. R. College for Women, Sivakasi.	B. Sc. Chemistry.
31.	P.M.T. College, Melaneelithanalloor	B. Com.

Sl. No.	Name of the College	Subject for which affiliation was granted
32.	Sri Parasakthi College for Women, Courtallam.	B. A. History Major
33.	Nazareth Margoschis College, Pillayanmanai.	Principles of Commerce as ancillary in lieu of History of India Paper II for B. A. Economics Major
34.	Sri K. G. S. Arts College Srivaikuntam	(i) P. U. C. Commerce (ii) Indian History as ancillary for B. A. Economics Major (iii) Botany as ancillary for Chemistry Major.
35.	Sarah Tucker College, Palayamkottai.	Introduction of 2 elective subjects i. e. (i) Complex Variables. (ii) Numerical Analysis in lieu of Physics ancillary for B. Sc. Mathematics Major.
36.	St. John's College, Palayamkottai.	Introduction of Numerical Maths. in lieu of Physics ancillary for B. Sc. Mathematics Major
37.	V. O. C. College, Tuticorin.	Introduction of new Optionals in B. Com. in one of the two sections.

Sl. No.	Name of the College	Subject for which affiliation was granted
		Part I. Introduction to Law of Banking Part III Advanced Accounts and Auditing.
38.	Arignar Anna College Aramboly	(i) P. U. C. Part III History (ii) B. Com.
39.	Women's Christian College, Nagercoil	(i) P. U. C. Part III Commerce (ii) B. A. Br. XII Tamil Major (iii) B. Sc. Botany Major with Chemistry and Zoology as ancillaries.
40.	Aditanar College of Arts and Science, Tiruchendur.	Certificate course in Salesmanship (Part-Time)

APPENDIX - D

1. Statement showing the number of students as on 1st December 1975 in the various courses conducted in the colleges including the Evening College and the Institute of Correspondence Course and Continuing Education of the University.

Courses	Men	Women	Total
A. *Arts and Science*			
I. Pre-University Course			
(a) Science Group			
English Medium	8235	3226	11416
Tamil Medium	231	260	491
(b) Humanities Group			
English Medium	6556	2165	8721
Tamil Medium	5478	1875	7353
II. B.A. Degree Course			
English Medium	10587	4182	14769
Tamil Medium	5434	2783	8217
III. B.A. Special Course	—	193	193
IV. B.Sc. Degree Course			
English Medium	9887	4184	14071
Tamil Medium	—	258	258
V. B.Sc. Special Course	393	96	489
VI. B.Sc. Home Science	—	75	75
VII. B.Music Degree Course	1	29	30
VIII. B.Com. English Medium	10821	831	11652
Tamil Medium	248	37	285
IX. B.B.A.	716	—	716

Courses	Men	Women	Total
X. Post-graduate Degree Course			
1. M. A.	551	570	1121
2. M.Sc.	340	181	521
3. M.Com.	90	—	90
4. M. B. A.	108	—	108
B. Professional :			
(a) Medicine including Indian Medicine			
1. M. B. B. S.	1267	526	1793
2. B. I. M.	150	46	196
3. B. Pharm.	130	5	135
4. M. D. / M. S.	110	20	130
5. P. G. Diplomas	104	39	143
(b) Engineering :			
1. B. E.	1363	21	1384
2. Part-time B. E.	349	—	349
3. B. Sc. Applied Science	50	—	50
4 M. Sc. Engineering	41	1	42
(c) Law :			
B. G. L.	576	33	609
(d) Teaching :			
1. B. Ed.	304	413	720
2. M. Ed.	17	—	17

Courses	Men	Women	Total
(e) Physical Education			
1. B. P. Ed.	50	15	65
2. M. P. Ed.	12	6	18
(f) Others :			
1. Matriculation	—	66	66
2. 2(d) Pulavar	64	261	325
3. Diploma in Business Administration	40	—	40
4. Certificate and Diploma Courses :			
Cert. in Gandhian Thought	74	7	81
Cert. in Indian Culture	4	—	4
Cert. in Linguistics	7	5	12
Dip. in Gandhian Thought	21	5	26
Dip. in Linguistics	6	—	6
Dip. in Marxian Thought	6	—	6

2. Statement showing the number of students as on 1st December. 1975 in the various departments of the University.

Courses	Men	Women	Total
I. Post-graduate Degree Course			
1. M.A.			
Tamil	17	21	38
English	15	19	34
French	1	3	4
History	19	12	31
2. M,Sc. (including M.Phil.)			
Mathematics	8	23	31
Physics	13	6	19
Chemistry	16	4	20
Biology	9	12	21
Molecular Biology	5	4	9
Mathematical Economics	8	12	20
M.Phil. in Mathematics	8	2	10
3. B.Lib. Science	12	9	30
II. Part-time-Certificate and Diploma Courses	-		
1. Certificate in Russian	4		4
2. Certificate in French	31	2	33

Courses	Men	Women	Total
3. Certificate in Malayalam	4	—	4
4. Certificate in Linguistics	7	6	13
5. Certificate Course in Tamil and South Indian Culture (for non-Tamils)	10	8	18
6. Certificate Course in Library Science			
I Batch	22	8	30
II Batch	20	10	30
7. Diploma in Linguistics	5	5	10
8. Diploma Course in Tamil (For non-Tamils)	2	1	3
9. Diploma in French	12	3	15
10. Diploma in Russian	2	—	2
11. Diploma in Kannada	1	—	1
12. Diploma in Malayalam	2	—	2
13. Diploma in Geography	7	2	9

Appendix—E

Statement of Hostel Return for the year 1975

Sl. No.	Name of the College	Total No. of Students in the College			Students living with parents / guardians			Students living in Hostels			Students living in unattached hostels/lodgings approved by the College			No. of S.C./ S.T. Students living in Hostels		
		M.	W.	Total	M.	W.	Total	M.	W.	Total	M.	W.	Total	M.	W.	Total
(1)	(2)	(3)			(4)			(5)			(6)			(7)		
	Arts and Science Colleges :															
1.	Madura College, Madurai	2155	30	2185	1605	30	1635	550	-	550	-	-	-	118	-	118
2.	The American College. Madurai-2.	1556	29	1585	980	10	990	576	19	595	-	-	-	127	1	128
3.	Lady Doak College, Madurai 2.	-	956	956	-	598	598	-	337	337	-	21	21	-	75	75
4.	Thiagarajar College, Madurai-9.	1687	67	1754	1238	52	1290	449	-	449	-	15	15	43	-	43

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
5.	Fatima College, Madurai-18.	-	1517	1517	-	1067	1067	-	450	450	-	-	-	-	32	32
6.	Hajee Karutha Rowther Howdia College Uthamapalayam.	866	-	866	614	—	614	252	-	252	-	-	-	41	-	41
7.	Sentamil College, Madurai-1.	50	159	209	33	137	170	10	-	10	7	22	29	4	1	5
8.	Arulmigu Palaniandavar College of Indian Culture, Palni.	237	1	238	113	-	113	110	-	110	13	1	14	3	-	3
9.	Arulmigu Paianiandavar Arts College, Palni.	1162	13	1175	827	-	827	335	-	335	-	13	13	14	-	14
10.	G.T.N. Arts College, Dindigul.	848	-	848	702	-	702	95	-	95	51	-	51	13	-	13
11.	Nadar Mahajana Sangam S. Vellaichamy Nadar College, Nagamalai, Madurai-19	1105	-	1105	515	-	515	590	-	590	-	-	-	106	-	106

12.	Sri Meenakshi Govt. College for Women, Madurai-2.	-	2196	2196	-	1689	1689	-	492	492	-	15	15	-	184	184
13	M. V. Muthiah Pillai Govt. Arts College for Women, Dindigul.	-	940	940	-	706	706	-	234	234	-	-	-	-	33	33
14.	Sri Sathguru Sangeetha Vidyalayam, Madurai-2.	2	51	53	2	51	53	-	-	-	-	-	-	-	-	-
15.	Saraswathi Narayanan College, Perungudi, Madurai-12.	912	-	912	447	-	447	465	-	465	-	-	-	31	-	31
16.	Sourashtra College, Madurai-4.	925	-	925	809	-	809	116	-	116	-	-	-	14	-	14
17.	Pasumpon Muthuramalinga Thevar College, Usilampatti.	213	-	213	15	-	15	198	-	198	-	-	-	35	-	35
18.	Muqyyath Sha Sirgirau Wakf Board College, Madurai-2.	637	-	637	546	-	546	19	-	91	-	-	-	19	-	19
19.	Yadava College, Tiruppalai, Madurai-14.	901	-	901	430	-	430	469	-	469	2	-	2	41	-	41

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
20.	Madurai Institute of Social Work, Madurai-2	50	9	59	25	9	34	25	-	25	-	4	4	4	-	4
21.	Government Arts College, Melur	456	46	502	238	46	284	108	-	108	110	-	110	17	-	17
22.	Arulmigu Palaniandavar Arts College for Women, Palni.	-	408	408	-	254	254	-	154	154	-	-	-	-	9	9
23.	Arul Anandar Collage, Karumathur.	589	-	589	51	-	51	538	-	538	-	-	-	17	-	17
24.	Vivekananda College, Tiruvedagam, Sholavandan.	251	-	251	-	-	-	251	-	251	-	-	-	2	-	2
25.	Jeyaraj Annaparkiam College for women, Periakulam.	-	575	575	-	245	245	-	330	330	-	-	-	-	17	17
26.	Tamil Nadu Theological Seminary, Madurai-10.	32	6	38	3	1	4	25	9	34	-	-	-	4	-	4

27.	Mannar Thirumalai Naicker College, Madurai.	178	-	178	144	-	144	34	-	34	-	-	-	7	-	7
28.	Cardamom Planters, Association College, Bodinayakanur.	129	-	129	113	-	113	16	-	16	-	-	-	3	-	3
29.	E. M. G. K. Yadava Women's College, Madurai	-	215	215	-	175	175	-	40	40	-	-	-	-	-	-
30.	Rameswaram Devasthanam Arts College, Rameswaram.	16	33	49	16	33	49	-	-	-	-	-	-	-	-	-
31.	Raja Doraisingam Memorial College, Sivaganga.	903	82	685	293	82	375	610	-	610	-	-	-	127	-	127
32.	Alagappa College, Karaikudi.	1345	50	1395	800	44	844	545	6	551	-	-	-	52	-	52
33.	V. H. N Senthikumara Nadar College, Virudhunagar.	2134	-	2134	969	-	969	1165	-	1165	-	-	-	133	-	133
34.	V. V. Vanniaperumal College for Women, Virudhunagar.		907	907	-	340	340	-	567	567	-	-	-	-	23	23

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
35.	Seethalakshmi Achi College for Women, Pallattur.		683	683	-	309	309	-	374	374	-	-	-	27	-	27
36.	Ayya Nadar Janaki Ammal College, Sivakasi.	1020	-	1020	503	-	503	217	-	517	-	-	-	27	-	27
37.	Arumugam Pillai Seethai Ammal College, Tiruppattur.	990	-	990	457	-	457	468	-	468	65	-	65	30	-	30
38.	The Sethupati Government Arts College, Ramanathapuram.	515	44	559	394	44	438	121	-	121	-	-	-	95	-	95
39.	The Standard Fire Works Rajaratnam College for Women, Sivakasi.		441	441	-	299	299	-	142	142	-	-	-	-	2	2
40.	Devanga Arts College Aruppukottai.	660	-	6604	22	-	422	238	-	238	-	-	-	17	-	17
41.	Dr. Zakir Husain College, Ilayangudi.	419	-	419	250	-	250	169	-	169	-	-	-	41	-	41

42.	Pasumpon Thiru Muthuramalinga Thevar Memorial College, Kamuthi.	185	-	185	64	-	64	121	-	121	-	-	-	19	-	19
43.	Sri S. Ramasamy Naidu Memorial College, Sattur.	405	-	405	159	-	159	246	-	246	-	-	-	57	-	57
44.	Saiva Bhanu Kshatriya College, Aruppukottai.	489	-	489	257	-	257	232	-	232	-	-	-	46	-	46
45.	Sree Sevugan Annamalai College, Devakottai.	524	66	590	299	66	365	225	-	225	-	-	-	24	-	24
46.	V.S. Sivalingam Chettiar Govt. Arts College, Pulaukurichi.	38	5	43	38	5	43	-	-	-	-	-	-	-	-	-
47.	Rajapalayam Rajus' College, Rajapalyam.	300	-	300	259	-	259	41	-	41	-	-	-	12	-	12
48.	The M.D.T. Hindu College, Tirunelveli-10.	1481	2	1483	927	2	929	554	-	554	-	-	-	63	-	63
49.	St. John's College, Palayamkottai.	1422	23	1445	813	14	827	590	10	600	18	-	18	64	-	64

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
50.	Sarah Tucker College, Palayamkottai	-	1399	1399	-	903	903	-	482	482	-	14	14	-	81	81
51.	St. Xavier's College, Palayamkottai.	1119	-	1119	659	-	659	460	-	460	-	-	-	28	-	28
52.	St. Mary's College, Tuticorin.	-	1315	1315	-	601	601	-	714	174	-	-	-	-	60	60
53.	V.O.C. College, Tuticorin.	2297	8	2305	1238	8	1246	1059	-	1059	-	-	-	196	-	196
54.	Sri K.G.S. Arts College, Srivaikundam.	238	-	238	98	-	98	130	-	130	10	-	10	35	-	35
55.	Pope's College, Sawyerpuram.	273	-	273	163	-	163	110	-	110	-	-	-	29	-	29
56.	Sri Paramakalyani College, Alwarkurichi	804	-	804	440	-	440	335	-	355	29	-	29	38	-	38
57.	Sri. Parasakthi College for Women, Courtallam.	-	913	913	-	247	247	-	666	666	-	-	-	-	80	80

58.	Aditanar College of Arts and Science, Tiruchendur.	612	-	612	272	-	272	334	-	334	6	-	6	63	-	63
59.	G. Venkataswamy Naidu College, Kovilpatti.	897	-	897	489	-	489	408	-	408	-	-	-	22	-	22
60.	Kamaraj College, Tuticorin.	495	-	495	337	-	337	144	-	144	14	—	14	25	-	25
61.	Nazareth Margoschis College, Pillaiyanmanai, Nazareth.	265	146	411	227	146	373	38	-	38	-	-	-	2	-	2
62.	Thiruvalluvar College, Pothigaiyadi, Papanasam.	248	65	313	124	55	179	124	10	134	-	-	-	14	-	14
63.	Ambai Arts College, Ambasamudram.	421	-	421	342	-	342	79	-	79	-	-	-	10	-	10
64.	Rani Annadurai Govt. Arts College for Women, Tirunelveli.	-	276	276	-	164	164	-	-	-	-	112	112	-	29	29
65.	Pasumpon Muthuramalinga Thevar College, Melaneelithanallur.	476	-	476	54	-	54	422	-	422	-	-	-	54	-	54

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
66.	Tirunelveli Dakshina Mara Nadar Sangam College, T. Kallikulam.	380	-	380	217	-	217	163	-	163	-	-	-	18	-	18
67.	Sadakathullah Appa College, Rahmathnagar, Palayamkottai.	674	-	674	478	-	478	196	-	195	-	-	-	15	-	15
68.	A.P.C. Mahalaxmi College, for Women, Tuticorin.	-	489	489	-	152	152	-	337	337	-	-	-	-	53	53
69.	Holy Cross Home Science College. Tuticorin.	-	9	9	-	4	4	-	5	5	-	-	-	-	-	-
70.	Scott Christian College, Nagercoil.	1350	500	1850	1233	466	1699	95	30	125	22	4	26	9	4	13
71.	S.T.Hindu College, Nagercoil.	1698	505	2203	1614	487	2101	84	18	102	-	-	-	6	2	8
72.	Lekshmipuram College of Arts & Science, Neyyoor.	476	189	665	464	189	653	12	-	12	-	-	-	-	-	-
73.	Christian College, Martandam.	1693	-	693	1680	-	1680	13	13	-	-	-	-	2	-	2

74.	Sree Devikumari Women's College, Kuzhithurai.	-	496	496	-	496	496	-	-	-	-	-	-	-	-	-
75.	Vivekananda College, Agasteeswaram.	475	90	565	420	90	510	-	55	-	55	-	-	4	-	4
76.	Holy Cross College, Nagercoil.	-	1246	1246	-	825	825	-	384	384	-	37	37	-	46	46
77.	Pioneer Kumaraswamy College, Nagercoil.	821	-	821	726	-	726	95	-	95	-	-	-	2	-	2
78.	Sree Ayyappa College for Women, Aloor.	-	625	625	-	576	576	-	35	35	-	14	14	-	2	2
79.	Arignar Anna College, Aramboly.	732	-	732	647	-	647	85	-	85	-	-	-	3	-	3
80.	Women's Christian College, Nagercoil.	-	570	570	-	432	432	-	135	135	-	33	33	-	10	10
	ENGINEERING :															
81.	Alagappa Chettiar College of Engineering & Technology Karaikudi.	735	-	735	205	-	205	530	-	530	-	-	-	53	-	53

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
82.	Thiagarajar College of Engineering, Madurai-15.	1061	21	1082	604	10	614	457	-	457	-	11	11	62	-	62
MEDICINE :																
83.	Madurai Medical College, Madurai.	1214	417	1631	568	209	777	646	208	854	-	-	-	160	39	199
84.	Government College of Indian Systems of Medicine, Palayamkottai.	150	46	196	58	8	66	92	38	130	-	-	-	25	5	30
85.	Institute of Rural Health and Family Planning. Gandhigram.	21	8	29	-	-	-	21	8	29	-	-	-	-	-	-
86.	Tirunelveli Medical College, Tirunelveli.	376	165	541	156	70	226	220	95	315	-	-	-	60	10	70
LAW																
87.	Madurai Law College, Madurai-2.	576	33	609	476	33	509	100	-	100	-	-	-	-	-	-

TEACHING :

88.	Dr. Alagappa Chettiar Training College, Karikudi.	43	47	90	5	16	21	38	31	69	-	-	-	-	-	-
89.	St. Xavier's College of Education, Palayamkottai.	77	-	77	18	-	18	59	-	59	-	-	-	13	-	13
90.	V.O.C. Teachers' College Tuticorin.	108	-	108	33	-	33	75	-	75	-	-	-	-	-	-
91.	Thiagarajar College of Preceptors, Madurai - 9.	42	47	89	42	34	76	-	13	13	-	-	-	-	3	3
92.	St. Ignatius Training College for Women, Palayamkottai.	-	70	70	-	17	17	-	53	53	-	-	-	-	-	-
93.	Annammal Training College for Women, Tuticorin	-	79	79	-	22	22	-	57	57	-	-	-	-	1	1
94.	The N.V.K.S.D. Teachers' College, Attoor.	32	48	80	7	17	24	25	31	56	-	-	-	-	1	1
95.	Lakshmi Teachers' Training College, Gandhigram.	22	57	79	-	-	-	22	57	79	-	-	-	1	1	2

(1)	(2)	(3)			(4)			(5)			(6)			(7)		
96.	St. Justin's Teachers College for Women, Madurai-9.	-	65	65	-	24	24	-	41	41	-	-	-	-	1	1
PHYSICAL EDUCATION:																
97.	Alagappa College of Physical Education Karaikudi, - 4.	62	21	83	-	-	-	62	21	83	-	-	-	2	-	2
BUSINESS MANAGEMENT:																
98.	Thiagarajar School of Management, Madurai-3.	148	-	148	-	-	-	-	-	-	-	-	-	-	-	-
ORIENTAL TITLE:																
99.	Ramasamy Tamil College Karaikudi - 1.	39	57	96	7	37	44	32	20	52	-	-	-	2	1	3
100.	Arulmigu Palaniandavar Mahalir Sentamil Kalloori Palni.	-	117	117	-	34	34	-	83	83	-	-	-	-	13	13

OTHER INSTITUTIONS :

101. College of Gandhian Thougt Gandhi Smarak Nidhi, Madurai-20.	64	31	95	64	31	95	-	-	-	-	-	-	-	-	-
102. Gandhi Niketan Ashram, T. Kallupatti.	28	8	36	28	8	36	-	-	-	-	-	-	-	-	-
MATRICULATION:															
103. St. Joseph's Matriculation School, Madurai-9.	-	51	51	-	40	40	-	11	11	-	-	-	-	-	-
104. Arulmigu Palaniandavar Matric School, Palni.	-	261	261	-	261	261	-	-	-	-	-	-	-	-	-
105. V.S.K. Duraiswamy Nadar English Matriculation School, Sivakasi.	-	15	15	-	15	15	-	-	-	-	-	-	-	-	-

APPENDIX

Details showing the year of establishment, courses offered etc.

S. No.	Name of the college and Phone Number	Name of Management and year of establishment	Courses of study
1	2	3	4

Arts and Science Colleges :

S. No.	Name of the college and Phone Number	Name of Management and year of establishment	Courses of study
1	Madura College, Madurai - 625011. P. No. 22454	Madura College Board 1854	Part I - Tamil/Hindi/Sanskrit Part II - English PART - III P. U. C. Groups. 1, 2, 3, 4 and 5 B. A. Economics Sociology English B. A. Special Economics B. Sc. Mathematics Physics Chemistry Botany Zoology B. Com. M. Sc. Mathematics Physics Chemistry

F

of the various affiliated and approved colleges during 1975.

Strength of students			Strength of Staff			No. of books in the library		N.C.C. or N.S.C. or both			No. of SC/ST Students				
Men	Women	Total	Men	Women	Total	During 1974	Added during 1975	Men	Wom.	Total	Men	Wom.	Total	No. of foreign students	Name and qualification of the Principal
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							
2155	30	2185	108	1	109	36283	1319	194	—	194	175	—	175	-	Thiru A. V. Krishnamurthy, M.A. (Econ.) M.A. (Hist.)

1	2	3	4
2	The American College, Madurai - 625002. Phone No. 23105	American College Governing Council 1881	Part I-Tamil/Hindi/French Part II-English Part-III P. U. C. Groups: 1, 2, 5 and 6 B.A. Economics, English, Tamil. B.Sc. Botany B.Sc. Special Mathematics Physics Chemistry Zoology B.Com., M.Sc. Physics Chemistry Zoology
3	Lady Doak College Madurai - 625002. Phone No. 23032.	Lady Doak College Governing Council 1948	Part I-Tamil/Hindi/French Part II - English PART - III P.U.C. Groups: 1, 2, 5, 7 and 8 B. A. History, Social Sciences, Tamil, English. Economics B. A. Special Economics B. Sc. Special Mathematics, Chemistry, Botony, Zoology. M. A. Tamil, English.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1556	29	1585	96	—	96	43463	1956	NCC (Army) 67 NCC (Naval) 100 NSS 100	 — — —	 67 100) 100	184	1	185	17	Dr. M.A. Thangaraj, M.A., Ph.D. (Toronto)
—	956	956	—	75	75	27106	1455	NSS —	 100	 100	—	85	85	2	Selvi Shanthi Manuel, M.A., Dip. in German.

1	2	3	4
4	Thiagarajar College, Madurai-625009. Phone No.22175	Thiagarajar College Endowment Turst, Madurai, 1949.	Part I Tamil Part II-English Part-III P. U. C. Groups 1, 2, 6, and 9 B.A. English Tamil Economics B.Sc. Mathematics Physics Chemistry Botany Zoology M.A. English Tamil Economics M.Sc. Mathematics Zoology

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1687	67	1754	94	5	99	36280	1166	NCC Army 100 Navy 100	- -	100 100	78	2	80	4	Thiru S. V. Vaidyanath, M. A.

1	2	3	4
5	Fatima College Madurai-625018. Phone No. 23529	Aided Mission, Srs. of St. Joseph of Lyons. France 1954	Part I - Tamil / Hindi, Part II-English /French Part III P. U. C. Groups: 1, 2, 10, 11, 12, 13, 14, 15, and 16 B. A. History, Sociology English, Tamil. B. A. Special Economics B. Sc. Mathematics, Physics, Chemistry, Zoology, Home-Science B. Sc. Special Mathemics, Physics B. Com. M. A. Economics, Tamil
6	Hajee Karutha Rowther Howdia College, Uthamapalayam-626533. Phone No. 25	Hajee Karutha Rowther Howdia College Managing Committee 1956	Part I-Tamil/Arabic Part II-English Part III P. U. C. Groups: 1, 2, 5, 6 and 9 B. A. Economics, History. B. Sc. Mathematics, Physics, Chemistry B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
									NCC						
—	1517	1517	—	83	83	33265	837	—	155	155	—	57	57	18	Selvi
									NSS						N. Shakunthala,
								—	100	100					B.Sc. (Hons.)
								NCC							
866	--	866	48	—	48	12136	88	67	—	67	84	—	84	—	Thiru
															M. Krishnamurti,
															M. A., B. Com.,
															Dip. in Pols.
															Public Admn.

1	2	3	4
7	Sentamil College, Madurai-625001 Phone No.25807	Madurai Tamil Sangam 1957	Part I—Tamil Part II—English Part — III P. U. C. Group : 17 B. A. Specialised Tamil Br.XII(b) Pulavar-2 (d) Tamil
8	Arulmigu Paluniandavar College of Indian Culture,Palni-624601 Phone No. 320	Arulmigu Dhandayuthapani Swami Thirukkoil, Palni 1960	Part I—Tamil Part II—English Part — III P.U.C. Group : 18 B.A. Indian Culture B.A. Tourism M.A. Indian Culture
9	Arulmigu Palaniandavar Arts College, Palni-624601 Phone No. 247	Arulmigu Dhandayuthapani Swami Thirukkoil, Palni 1963	Part I—Tamil Part II—English Part — III P.U.C. Groups : 1, 2,6 and 9 B.A. History, Economics. Tamil, English B.Sc. Mathematics, Physics, Chemistry, Botany, Zoology. B.Sc. Special Mathematics, Physics, Zoology B.Com. M,Sc. Zoology Botany

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	159	209	7	2	9	2773	117	-	-	-	5	9	14	-	Thiru R. V., Narayanan, M. A.
237	1	238	15	1	16	7007	462	NCC 33	-	33	14	-	14	-	Thiru T. S. R. Ramdhass, M. A.
1162	13	1175	88	1	89	19284	1300	NCC 66	-	66	94	1	95	-	Thiru K. Arunachalam M. A.

1	2	3	4
10	G. T. N. Arts College, G. T. N. Nagar, Dindigul-624004. Phone No. 499	G. T. Narayana-swamy Naidu Charities Trust, Dindigul. 1964	Part I-Tamil Part II-English Part III P. U. C. Groups: 1, 2, 19 and 20 B. A. History B. Sc. Mathematics Physics Chemistry B. Com.
11	Nadar Mahajana Sangam S. Vellaichamy Nadar College, Nagamalai, Madurai-625019. Phone No. 26087	Nadar Mahajana Sangam S. Vellaichamy Nadar College Managing Board 1965	Part I - Tamil Part II - English Part III P. U. C. Groups: 1, 2, 21 and 22 B. A. Economics, History English B. Sc. Mathematics, Chemistry, Zoology B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
848	—	848	47	—	47	8953	1014	NCC 67	—	67	38	—	38	—	Capt. T. Murugaiyan, M.A.
1105		1105	59	—	59	9228	1454	NCC 67	—	67	118	-	118	—	Thiru T. Saktivelu, M.A,
								NSS 100	—	100					

1	2	3	4
12	Sri Meenakshi Govt. College for Women, Madurai - 625002 Phone No. 26088	Government of Tamilnadu 1965	Part I Tamil / Hindi Part II English Part III P.U.C. Groups : 1, 2, 7, 11, 23 and 24 B.A. History, Economics, Geography, Tamil English. B. Sc. Mathematics, Physics Chemistry B. A. Special Economics B. Sc. Special Zoology M. A. History Geography Economics
13	M.V. Muthia Pillai Govt. Arts College for Women, Dindigul. Phone No. 11	Govt. of Tamilnadu 1966	Part I Tamil Part II - English Part - III P.U.C. Groups : 1, 2, 5 and 23 B.A. History Tamil English Economics B. Sc. Mathematics Chemistry.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
-	2196	2196	-	109	109	17585	295	NCC -	130	130	-	249	249	-	Tmty. Inayathun-nisa Munavar, B. Sc. (Hons.)
-	940	940	-	41	41	6720	1162	-	129	129	-	45	45	-	Tmty. Susheela Clements, B. Sc. (Hons).

1	2	3	4
14	Sri Sathguru Sangeetha Vidyalayam, Madurai-625002. Phone No. 25858	Sri Sathguru Sangeetha Vidyalayam Madurai. 1966	Part I Tamil Part II English Part III P. U. C. Groups: 25 and 26 B. Music
15	Saraswathi Narayanan College, Madurai - 625012. Phone No. 26270	The Narayanan Chettiar Trust 1966	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5 and 22 B. A. History, English. B. Sc. Mathematics, Chemistry, Botany. B. Com.
16	Sourashtra College, Pasumalai, Madurai-625004. Phone No. 8242	Sourashtra College Council 1967	Part I Tamil/Hindi Part II English Part III P. U. C. Groups: 1, 2, 6, 9 and 21 B. A. English B. Sc. Mathematics. B. B. A. B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	51	53	3	8	11	1076	24	—	—	—	—	—	—	—	Thiru S. Ramanathan, Ph. D.
912	—	192	45	—	45	9188	328	NCC 66 NSS 100	— —	66 100	42	—	42		Thiru T. Sivasankaran, M.A.
925	—	925	44	—	44	6361	445	NCC 50 NSS 100	— —	50 100	18	—	18	-	Thiru V. Uppili, M.A.

1	2	3	4
17	Pasumpon Muthuramalinga Thevar College. Usilampatti. Phone No. 16	Kallar Kalvi Kazhagam, Usilampatti 1968	Part I Tamil Part II English Part III P.U.C. Groups: 1, 2, 6 and 9 B. A. Economics Sociology B. Sc. Mathematics.
18	Muqyyath Sha Sirguro Wakf Board College, Madurai - 625002. Phone. No. 26898	Tamil Nadu Wakf Board 1968	Part I Tamil/Arabic/Urdu Part II English Part III P. U. C. Groups: 1, 2, 5 and 6 B.A. Economics B. Com.
19	Yadava College, Madurai - 625014. Phone No 27362	Yadava Education Fund 1969	Part I Tamil Part II English P. U. C. Groups: 1, 2, 9 and 22 B. A. Tamil History B.Sc. Mathematics Zoology B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
213	-	213	31	-	31	3700	3700	NCC 67	-	67	35	-	35	-	Thiru P. K. Kothandapani, M. A.
637	-	637	30	-	30	4257	890	NCC 33	-	33	61	-	61	2	Thiru M. Ashak Hussain, M. A.
901	-	901	40	2	42	7155	1908	NCC 55 NSS 100	- -	55 100	55	-	55	-	Thiru T. A. Chockalingam, M. A., M. Litt., Dip. in Ling.

1	2	3	4
20	Madurai Institute of Social Work, Madurai - 625002. Phone No. 26777	Madurai Institute of Social Work Governing Board 1969	M. A. Social Work
21	Government Arts College, Melur-625106. Phone No. 67.	Government of Tamilnadu 1969	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5 and 6 B. A. History B. Sc. Mathematics B. Com.
22	Arulmigu Palaniandavar Arts College for Women, Palni-624601. Phone No. 428	Arulmigu Dhandayuthapanisamy Thirukkoil. Palni 1970	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2 and 5 B. A. Tamil History B. Sc. Mathematics Botany Zoology

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
50	9	59	10	2	12	624	89	—	—	—	4	—	4	1	Capt. D.V.P. Raja, M.A., D.S.S.A.
456	46	502	35	—	35	2043	350	NCC 67	—	67	17	2	19	—	Thiru. V. Kanniah, M.A
—	408	408	—	31	31	7718	806	—	NCC 52	52	—	11	11		Tmty. N. Sarojini Devi, M.A.

1	2	3	4
23	Arul Anandar College, Karumathur - 626514. Phone No. 21	Board of Management of Arul Anandar College, 1970	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5, and 10 B. A. Economics, Philosophy B. Sc. Mathematics Rural Development-Science
24	Vivekananda College, Tiruvedakam West, Sholavandan R. S. Madurai-624217. Phone No. 34	Sri Ramakrishna Tapovanam Tirupparaithurai, Tiruchy Dt. 1971	Part I Tamil Part II English Part III P. U. C. Groups: 1. 2 and 22 B. A. Economics B. Sc. Physics Zoology B. Com.
25	Jayaraj Annapackiam College for Women, Periyakulam. Phone No. 272	Sisters of St. Anne's Congregation 1971	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5 and 7 B. A. History, English, Tamil B. Sc. Mathematics.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NSS							
589	-	589	36	-	36	4468	1541	100	-	100	19	-	19	-	Rev. Fr. Dr. V. M. Gnana-pragasam, S. J., M. A. Ph. D.
251	-	251	27	-	27	3986	1319	-	-	-	2	-	2	-	Thiru K. Ramamurthi, M.COM.
								NCC							
	575	575	-	31	31	1512	1912	-	51	51	-	23	23	2	Tmty. Devaki Paulraj, M.A.B.T.,

1	2	3	4
26	Tamilnadu Theological Seminary, Madurai-625010. Phone No. 27352	Governing Board, T. T. S. 1974	M. A. in Philosophy and Religion
27	Mannar Thirumalai Naicker College, Madurai-625020. Phone No. 32314	Mannar Thirumali Naicker Kalvi Kuzhu 1974	P. U. C. Part I - Tamil Part II - English Part III : Groups : 6, 9 and 21
28	Cardamom Planters' Association College Bodinayakanur-626513. Phone No. 238	Cardamom Planters' Association College Society. 1974	P. U. C. Part I - Tamil Part II - English Part III : Groups : 21 and 22
29	E. M. Gopalakrishna Kone Yadava Women's College, Madurai-625002.	E. M. Gopalakrishna Kone Yadava Women's College, Governing Council 1974	P. U. C. Part I - Tamil Part II - English Part III : Groups : 5 and 7

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
32	6	38	6	-	6	24000	1500	-	-	-	4	-	4	-	Dr. Samuel Amirtham, M. A., D. Th.
178	-	178	9	-	9	810	709	-	-	-	15	-	15	-	Thiru M. K. Sripathi, M. A.
129	-	129	9	-	9	586	139	-	-	-	7	-	7	-	Thiru J. D. Paul Jeyaraj, M. A.
-	215	215	-	7	7	274	32	-	-	-	-	3	3	-	Tmty. Narmatha Santhakumar, M. A.

1	2	3	4
30	Rameswaram Devasthanam Arts College, Rameswaram.	Rameswaram Devasthanam Trust Board 1915	Part I-Tamil Part II-English Part III- P. U. C. Group : 27 B. A. Br. XII (c) Specialised course in Tamil and Sanskrit
31	Raja Doraisingam Memorial College, Sivaganga-623560. Phone No. 35	Committee of Management, R. D. M. College, Sivaganga. 1947.	Part I - Tamil Part II - English Part III P. U. C. Groups : 1, 2 and 22 B. A. History, Economics B. Sc. Mathematics, Physics, Chemistry, Zoology B. Sc. (Special) Zoology
32	Alagappa College, Karaikudi-623003. Phone No. 521	Dr. Alagappa Chettiar Educational Trust, Estd. 1947.	Part I - Tamil / Hindi / Sanskrit Part II - English Part III- P. U. C. Gurops : 1, 2, 19 and 21 B. A. History, Economics. Tamil B. Sc. Maths., Physics, Chemistry Botany, Zoology, Geology B. Com. M. Com. M. A. – Tamil

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	33	49	6	2	8	3457	259	—	—	—	—	—	—	—	Thiru R Natarajan, M. A.
903	82	985	57	1	58	17396	104	NCC 70 NSS 100	— —	70 100	127	1	128	—	Thiru C. Rakkappan M. A., B. T.
1345	50	1395	91	3	94	37678	1570	112	—	112	71	—	71	2	Thiru J. Samuel Raj M. A., M.Sc.

1	2	3	4
33	V. H. N. Senthi-kumara Nadar College, Virudhunadar- 626002. Phone: 3043	V. H. N Senthikumara Nadar College Paripalana Sabai, Virudhunagar. 1947	Part I Tamil/Hindi Part II English Part III P. U. C. Groups: 1, 2, 3, 28 and 29 B. A. History, Politics, Economics, Tamil, English. B. Sc. Maths., Physics Chemistry Botany, Zoology. B. Com. B. B. A. M. A. English M. Sc. Chemistry. M. Com.
34	V. V.V. Vannia Perumal College for Women Virudhunagar. Phone: 3540	V. V. Vannia-perumal Pengal Kalloori Managing Board. (Virudhunagar Hindu Nadarkalukku Pathiapattathu) 1962.	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5, 6, and 9 B. A. History, English, Tamil B. Sc. Mathematics, Zoology,

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							Thiru.
2134	-	2134	113	-	113	37202	1631	195	-	195	188	-	188	-	E. Venkatesan,
								NSS							B.A. (HONS.), B.L.
								100	-	100					Principal-in-charge
								NSS							Tmt.
–	907	907	—	50	50	11758	1289	-	105	105	-	26	26	-	G. Anushiya Devi
															M.A., B.T.,

1	2	3	4
35	Seethalakshmi Achi College for Women Pallattur - 623 107. Phone No. 73	Thiru O. A. A. Ananthapadmanabhan Chettiar 1962	Part I Tamil / Sanskrit Part II English Part III P.U.C. Groups : 1, 2, 5 and 7 B.A. Economics, Tamil History, English B. Sc. Mathematics, Chemistry Botany, Zoology
36	Ayya Nadar Janaki Ammal College Sivakasi. Phone 234	Ayya Nadar Janaki Ammal College Managing Committee, Sivakasi, 1963	Part I Tamil Part II English Part III P.U.C. Groups : 1, 2, 21 and 22 B.A. Economics B. Sc. Mathematics Physics, Chemistry, Botany, Zoology. B. Com. B. B. A. M. Sc. Mathmatics.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							
—	683	683	—	49	49	5460	5585	—	145	145	—	27	27	1	Tmty. Sarada - Balakrishnan, M.A., M.Litt.
1020	—	1020	77	—	77	12538	1319	98	—	98	41	—	41	-	Dr.T.Koil - Pillai, M.A., M.Ed., Ph. D.
								NSS							
								100	—	100					

1	2	3	4
37	Arumugam Pillai Seethai Ammal College, Tiruppattur - 623211 Phone : No. 42	Arumugam Pillai Seethai Ammal College Trust, Tirupattur, 1965	Part I Tamil / French Part II English Part III P.U.C. Groups : 1, 2, 5, 7 and 21 B.A. Economics, Tamil English. B.Sc. Mathematics, Physics, Chemistry, Zoology. B. Com. B.B.A
38	Tne Sethupati Govt. Arts College Ramanathapuram – 623501. Phone 452	Government of Tamilnadu. 1965	Part I Tamil Part II English Part III P.U.C. Groups : 1, 2, 5, and 22 B. A. Economics English B.Sc, Matnematics.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
965	25	990	78	1	79	6121	820	NCC 63 NSS 100	 — —	 63 100	43	2	45	47	Thiru D. R. Krishnan, M. A.
515	44	559	41	1	42	8832	71	NCC 34 NSS 100	 — —	 34 100	125	3	128	—	Thiru P.S. Krishna- moorthy B. A. (Hons.) Princi- pal-in-charge

1	2	3	4
39	The Standard Fireworks Rajaratnam College for Women, Sivakasi. Phone No. 389	The Standard Fireworks Educational and Charitable Trust 1968.	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 23, 30 and 31 B. A. English, Tamil B. Sc. Mathematics, Chemistry
40	Devanga Arts College, 626101 Aruppukottai. Phone No. 387.	Aruppukottai Town Devangar Uravinmurai, 1970.	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 9 and 22 B. A. History B. Sc. Mathematics B. Com.
41	Dr. Zakir Husain College, Ilayangudi-623702. Phone 52	Dr. Zakir Husain College Managing Committee 1970	Part I Tamil/Arabic Part II English Part III P.U.C. Groups : 1, 2, and 9 B.A Economics, Tamil

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
—	441	441	—	29	29	4814	1134	—	—	—	—	22	22	—	Tmty. Sarojini Natarajan, M.A., D.T.E.
							NCC								
660	—	660	36	—	36	2900	992	67	—	67	21	—	21	—	Thiru D. Parameswaran M.Sc.,
419	-	419	27	-	27	4000	900	-	-	-	56	-	56	-	Capt. N. A. Ameer Ali, M. A.

1	2	3	4
42	Pasumpon Thiru Muthuramalinga Thevar Memorial College, Pasumpon-623604. Ramnad Dt.	Pasumpon Thiru Muthuramalinga Thevar Memorial Charitable Trust. 1970.	Part I - Tamil Part II - English Part—III P.U.C. Groups : 1, 2, 5, and 22 B.A. History.
43	Sri S. Ramasamy Naidu Memorial College, Sattur-626203. Phone : 326.	Managing Committee of Sri S. Ramasamy Naidu Memorial College, Sattur. 1970.	Part IT amil Part II English Part - III P. U. C Groups : 9, 21 and 22 B.A. History. B Com.
44	Saiva Bhanu Kshatriya College, Aruppukottai-626101. Phone : 328	S. B. K. College Managing Board 1970	Part I - Tamil Part II - English Part III- Groups : 1, 2, 5 and 22 B. A. History B. Sc. Zoology B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
185	-	185	22	-	22	1216	301	-	-	-	21	-	21	1	Thiru M. Vijayapandian M. A. (Hist.), M. A. (Politics)
405	-	405	19	-	19	2040	1287	-	-	-	57	-	57	-	Thiru V. Ramasamy, M. A.
489	—	489	30	—	30	2888	897	NCC 33 NSS 100	— —	33 100	49	—	49	—	Thiru P. Rajadurai, M.A, B.Ed.

1	2	3	4
45	Sree Sevugan Annamalai College, Devakottai-623303. Phone : 251	O. R. M. M. SP. S. V. A. N. Annamalai Chettiar Educational Trust, Devakottai. 1970	Part I - Tamil Part II - English Part III - P. U. C. Groups : 1, 2, 6, 9 and 21 B. A. Tamil, English, Economics B. Sc. Maths., Chemistry, Zoology B. Com.
46	V. S. Sivalingam Chettiar Govt. Arts College, Pulankurichi, Ramnad Dt.	Government of Tamilnadu 1972	Part I - Tamil Part II - English Part III - P. U. C. Groups: 5 and 22 B. A. History
47	Rajapalayam Rajus' College, Rajapalayam, -626117. Phone No. 767	Rajapalayam Rajus' College Governing Council, 1973.	Part I Tamil Part II English Part III P. U. C. Groups: 5, 20, 21 and 22 B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
524	66	590	44	2	46	4768	1369	—	—	—	29	2	31	—	Thiru N. Srinivasan, M. A.
38	5	43	10	—	10	2653	3905	—	—	—	5	—	5	—	Thiru G. Krishnamurthy, M. A.
300	—	300	12	—	12	810	405	—	—	—	32	—	32	—	Thiru I. Kandaswamy, M.Com.

SENTAMIL COLLEGE, MADURAI.

1	2	3	4
48	The M. D. T. Hindu College, Tirunelveli-627010 Phone No.298	The Managing Committee of the Educational Society, Tirunelveli. 1859.	Part I - Tamil Part II - English Part - III P. U. C. Groups : 1, 2, 5, 21 and 22 B. A. Economics, Tamil. B. Sc. Mathematics, Physics, Chemistry, Zoology. B. Com. M. A. Tamil
49	St. John's College, Palayamkottai, Tirunelveli- 627002 Phone: 2018	The Tirunelveli Diocesan Trust Association, 1878	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 10 and 32 B. A., History, Economics, English. B. Sc., Maths., Physics, Chemistry, Botany, Zoology. B. Sc. Special. Mathematics M. A. English M. Sc. Mathematics

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1481	2	1483	76	3	79	28074	1843	NCC 163 NSS 100	 — —	 163 100	105	—	105	—	Thiru S. Srinivasan, M. A.
1422	23	1445	81	1	82	19883	1488	NCC 133 NSS 100	 — —	 133 100	145	2	147	3	Thiru E. D. Ponnu- durai, M.A.

1	2	3	4
50	Sarah Tucker College, Perumalpuram, Tirunelveli-627007 Phone No. 2146	Tirunelveli Diocesan Trust Association 1895	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5 and 7 B. A. History, Economics English & Tamil B. Sc. Mathematics, Physics, Chemistry, Botany, Zoology. M. A. English, Tamil
51	St. Xavier's College Palayamkottai Tirunelveli-657002 Phone No.	Society of St. Francis Xavier Palayamkottai 1923	Part I Tamil Hindi French Latin Part II English Part III P.U.C. Groups : 1, 2, 21, 22 and 33 B.A. Economics B.Sc. Mathematics, Physics, Chemistry, Botany, Zoology. B. Com. M.A. Tamil M.Sc. Mathematics

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
–	1399	1399	–	87	87	24535	1821	NCC –	60	60	–	129	129	3	Tmty. Rani Manuel, M.A., L.T.
1119	-	1119	61	-	61	28694	719	NCC 100 NSS 100	- -	100 100	44	-	44	2	Rev. M. D. Varkey, S. J., B. A. (HONS)

1	2	3	4
52	St. Mary's College, Tuticorin-628001. Phone No. 20946	Tuticorin Diocesan Trust Association. 1948	Part I Tamil/Hindi/ French Part II English Part III P. U. C. Groups : 1, 2, 5, 21, 34and 35 B. A. History, Economics, English. B. Sc. Maths., Chemistry, Botany, Zoology. B. Com. M. A. English M. Sc. Botany
53	V. O. Chidambaram College, Tuticorin- 628003. Phone: 20175	V. O. Chidambaram Pillai Educational Society, Tuticorin. 1950	Part I Tamil, Hindi Part II English Part III P. U. C. Groups : 1, 2, 21 and 22 B. A. History, Economics, English. B. Sc. Maths., Physics, Chemistry Botany, Zoology, Geology B. Com. B. B. A. M. A. English M. Sc. Chemistry, Certificate and Diploma Courses in Gandhian Thought.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							
—	1315	1315	—	68	68	20263	638	—	100	100	—	82	82	10	Sr. Teresita Mary, M. A., B.T.
								NCC (Army)							
2297	8	2305	114	—	114	21922	1769	233	—	233	221	—	221	1	Thiru A. Subbiah, M.A.
								NCC (Navy)							
								100	—	100					

1	2	3	4
54	Sri Kumara Gurupara Swamigal Arts College, Arulnandi Nagar, Padmanabhamangalam P.O. Phone No. 51.	Sri K. G. S. Arts College, Governing Body Society, Srivaikuntam. 1961	Part I - Tamil Part II - English Part III - P. U. C. Groups : 1, 2 and 36 B. A. Economics B. Sc. Maths., Chemistry, Botany.
55	Pope's College, Sawyerpuram. Phone No. 32	Tirunelveli Diocesan Trust Association C. S. I. 1962	Part - I - Tamil Part - II - English Part III P. U. C. Groups : 1, 2 and 5 B. A. Economics B. Sc. Maths., Physics, Zoology.
56	Sri Paramakalyani College, Alwarkurichi-627412. Phone No. 6	Sri Paramakalyani Education Society 1963	Part I - Tamil Part II - English Part III - P. U. C. Groups : 1, 2, 9 and 21 B. Sc. Maths., Physics Chemistry, Zoology, B.B.A. B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
238	–	238	27	–	27	7325	1081	NCC 52	—	52	38	—	38	—	Thiru P. Mutharasu, M.A., B.T.
273	—	273	29	—	29	15052	673	NCC 44	—	44	44	—	44	—	Thiru C. Monickam, M.A., B.T. Ag. Principal -in-charge
804	–	804	43	—	43	8370	952	NCC 100	—	100	51	—	51	—	Thiru K.H. Narayanan, M.A.,
								NSS 100	—	100					

1	2	3	4
57	Sri Parasakthi College for Women, Courtallam-627802. Phone No. 2144	Sri Parasakthi Educational Society, Courtallam, 1964.	Part I Tamil Part II English Part III P.U.C. Groups : 1, 2 and 5 B.A. History, Tamil, English B.Sc. Maths., Chemistry, Botany, Zoology M.A. Tamil M.Sc. Botany
58	Aditanar College of Arts & Science, Tiruchendur-628216 Phone No. 32	Aditanar Educational Institution, 1965.	Part I Tamil Part II English Part III P.U.C. Groups : 1, 2, 5 and 21 B.A. Economics B.Sc. Maths., Chemistry. B.B.A.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							Selvi
—	913	913	—	60	60	9786	1761	—	95	95	—	80	80	1	S. Baghirathi,
								NSS							M. A., M. Litt.,
								—	100	100					Dip. in Ling.
								NCC Army							
612	—	612	44	—	44	12339	1610	61	—	61	77	—	77	—	Thiru
								NCC Navy							R. Kanaga-
								50	—	50					sabapathy,
								NSS							M. A.
								98	—	98					

1	2	3	4
59	G. Venkataswamy Naidu College, Kovilpatti- 627 715. Phone No. 389	G.Kuppuswamy Naidu charity Trust for Education and Medical Relief, Coimbatore. 1966.	Part I Tamil Part II - English Part III P. U. C. Groups: 1, 2, 21,and 22 B. A. History B. Sc. Maths., Physics, Chemistry, Botany. B. Com.
60	Kamaraj College, Tuticorin 628 003 Phone No. 21988	The Tuticorin Education Society, Tuticorin. 1966	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 6, 21 and 22 B. A. Economics B. Sc. Mathematics, Chemistry B. Com.
61	Nazareth Margoschis College, Pillayanmanai-628617 Phone No. 32	Tirunelveli Diocesan Trust Association 1967	Part I — Tamil Part II — English Part III— P.U.C Groups : 1, 2, 9 and 22 B.A. History, Economics B. Sc. Mathematics

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							Capt.
897	–	897	58	–	58	9003	1859	33	–	33	54	—	54	—	N. Devarajan, M.A.
								NCC							Thiru
495	–	495	32	–	32	8473	9273	83	–	83	40	–	40	–	S. Selvaraj, M.A., M.SC., B.T.
								NSS							
								100	–	100					
								NCC							
265	146	411	28	2	30	4812	834	33	—	33	4	1	5	—	Thiru S. James, Jegaraj, M. A.

1	2	3	4
62	Thiruvalluvar College, Pothigaiyadi, Papanasam P.O. Vickramasinga-puram - 627425	Kundrakkudy Thiruvannamalai Adheenam Arulneri Educational Trust, headed by His Holiness Kundrakkudy Adigalar, M.L.C. 1968	Part I - Tamil Part II - English Part III - P.U.C. Groups : 5 and 21 B. A. History, Tamil B.Com.
63	Ambai Arts College, Ambasamudram. Phone No. 375	Tirthapathi High School & Ambai Arts College, Electorate, 1969	Part I Tamil Part II English Part III P. U. C. Groups : 1, 2 and 9 B. A. Economics B. Com. Certificate Course in Gandhian Thought
64	Rani Annadurai Govt. Arts College, for Women, Tirunelveli. Phone No. 404	Government of Tamilnadu. 1970	Part I Tamil Part II English Part III P. U. C. Groups : 1, 2, 5, 7 and 30 B. A. History, Tamil, English.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
248	65	313	17	2	19	2437	60	—	—	—	18	3	21	—	Thiru B. Subramoniapillai, M.A.,B.L.,D.T.E.
421	-	421	17	-	17	2756	1570	-	-	-	19	-	19	-	Thiru S. Chidambarasubramanian, M. A. B..T.
-	276	276	-	31	31	3000	1391	-	-	-	-	45	45	-	Tmt. R Rajamanickam M. A.

1	2	3	4
65	Pasumpon Muthu-ramalinga Thevar College, Melanee-lithanallur-627953. Tirunelveli Dt. Phone No. 6	Thevar Educational Society, Melaneelithanallur. 1970	Part I Tamil Part II English Part III P. U. C. Groups : 1, 2, 21 and 22 B. A. History, English, Tamil. B. Sc. Maths, Zoology. B. Com.
66	Tirunelveli Dakshina Mara Nadar Sangam College, T. Kallikulam-627113 Tiruneveli Dt.	Dakshina Mara Nadar Sangam, Tirunelveli. 1971.	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2 and 22 B. A. History, Economics. B. Sc., Mathematics, B. Com.
67	Sadakathulla Appa College, Rahmath Nagar, Palayamkottai Tirunelveli-627011 Phone No. 2224	Sadakathulla Appa College Managing Committee. 1971	Part I Tamil/Arabic Part II English Part III P. U. C. Groups: 1, 2, 5 and 21 B. A. Historty B. Sc. Mathematics, Zoology. B. Com.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
								NCC							
476	-	476	40	-	40	5566	410	67	-	67	54	-	54	-	Thiru A. R. Ponniah, M. A., B. L.
380	—	380	27	—	27	1958	1494	—	—	—	26	—	26	—	Thiru T. Palusamy, M.A.
674	—	674	36	—	36	3068	1200	—	—	—	59	—	59	1	Thiru. M. Nazurdin, M.A., LL.B.,

1	2	3	4
68	A.P.C. Mahalaxmi College for Women, Tuticorin - 628002 Phone No. 21655	V.O.C. Educational Society, Tuticorin, 1973	Part I Tamil Part II English Part III P.U.C. Groups : 1, 2, 5 and 7 B.A History, English B. Sc. Mathematics, Chemistry,
69	Holy Cross Home Science College, Tuticorin - 628003 Phone No. 21557	Holy Cross Sisters 1975	Part I Tamil / Malayalam. Part II English B.Sc. Home Science
70	Scott Christian College, Nagarcoil 629003 Phone No. 807	Kanyakumari Diocese Mission Management 1893	Part I Tamil / French Hindi Part II English Part III P.U.C. Groups : 1, 2, 5 and 7 B. A. History, Economics English B.Sc. Maths, Physics, Chemistry, Botany, Zoology M.A. Economics, English.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
—	489	489	—	25	25	1587	1022	—	—	—	—	58	58	—	Selvi V.K. Chandra-kumari, M.A.
—	9	9	—	5	5	500	150	—	—	—	—	—	—	—	Sr. Elizabeth-Rose, M.Sc.
								NCC (Army)							
								51	—	51					
1350	500	1850	76	9	85	38105	1726	50	—	50	144	20	164	—	Dr. John D.K. Sundar-singh, M.A., M.Ed., Ph.D.
								NSS							
								NCC (Navy)							
								100	-	100					

1	2	3	4
71	S.T. Hindu College, Nagercoil-629002. Phone No. 127	South Travancore Hindu College Association 1952	Part I - Tamil, Malayalam, Hindi Part II - English Part III - P.U.C. Groups : 1, 2, 5, 6, 9 and 37 B.A. History, Tamil, Sociology, English, Economics. B.Sc. Maths., Physics, Chemistry, Botany, Zoology. B. Com. M.A. Tamil Certificate Course in Gandhian Thought Certificate Course in Indian Culture Certificate Course in Linguistics Diploma Course in Gandhian Thought Diploma Course in Linguistics Diploma Course in Marxian Thought and Ideology
72	Lekshmipuram College of Arts Science, Neyyoor-629802. Phone No. 33	C. E. O. Nagercoil as Caretaker 1964.	Part I Tamil/Malayalam Part II English Part III P. U. C. Groups: 1, 2 and 5 B. A. History B. Sc. Mathematics Zoology.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1698	505	2203	88	6	94	22183	1161	NCC 150	55	205	271	87	358	—	Thiru L. Chidambarathanu, M.A., H.D.C., D. G. T.
476	189	665	29	5	34	5723	1005	NCC 75	—	75	13	4	17	—	Thiru N. Abraham, M. A.

1	2	3	4
73	Christian College, Martandam 629165 Phone No. 57	Kanyakumari Diocese, C. S. I. 1964	Part I Tamil / Malayalam Part II English Part III P. U. C. Groups: 1, 2, 5 and 7 B. A. History, Economics, English B. Sc. Maths., Physics Chemistry, Botany, Zoology,
74	Sree Devi Kumari Women's College, Kuzhithutai. Phone No. 66	Kanyakumari Devaswom Board 1965	Part I - Tamil / Malayalam Part II - English Part III - P. U. C. Groups: 1, 2, 5 and 38 B. A. Economics B. Sc. Chemistry, Zoology
75	Vivekananda College, Agasteeswaram Phone No. Cape-45	Vivekananda Educational Society, Agasteeswaram, 1965	Part I - Tamil Part II - English Part III - P. U. C. Groups : 1, 2 and 5 B. A. Economics, English B. Sc. Mathematics. Chemistry, Zoology.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1693	—	1693	84	4	88	14655	2503	NCC 200	—	200	55	—	55	—	Thiru Arthur J. Harris, M. Sc.
								NSS 100	—	100					
-	496	496	-	28	28	5094	386	-	-	-	-	27	27	-	Selvi Mangalam Rajan, M. A.
475	90	565	32	9	41	5041	1213	NCC 75	-	75	28	4	32	-	Thiru S. Johnson, M. A., B. T.
								NSS 100	-	100					

1	2	3	4
76	Holy Cross College, Nagercoil-629002 Phone No. 473	Congregation of the Sisters of the Cross of Chavanod. 1965	Part I Tamil/Malayalam French Part II English Part III P. U. C. Groups : 1, 2, 5 and 7 B. A. History, Economics, English. B. Sc. Maths., Physics, Chemistry Botany, Zoology. M. A. English
77	Pioneer Kumarasamy College, Nagercoil-629003. Phone No. 632	Dr. K. Padmanabhan, B. Sc., M. B. B. S. 1967	Part I Tamil Part II English Part III P. U. C. Groups: 1, 2, 5, 7 and 2 B. A. Economics. B. Sc. Maths., Physics, Chemistry Zoology. B. Com.
78	Sree Ayyappa College, for Women Chungankadai P. O. 629801 Phone No. 980	Sree Ayyappa Educational Society 1969	Part 1 - Tamil/Malayalam Hindi. Part II- English Part III P. U. C. Groups: 1, 2, 5, 7 and 21 B. A. History, English. B. Sc. Zoology

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
—	1246	1246	—	59	59	13875	788	—	—	—	—	121	121	1	Sr. Regina, M. A.
821	—	821	48	—	48	7095	3026	NCC 59 NSS 100	— —	59 100	37	—	37	—	Thiru D. Arthur Davis M.A.
—	625	625	—	38	38	2374	993	—	—	—	—	17	17	-	Tmty. Subhadra S. Menon, M.A. (Hindi), M.A. (History).

1	2	3	4
79	Arignar Anna College, Aramboly Phone No. 2	College Kanyakumari Educational Society 1970	Part I Tamil Part II - English Part III P. U. C. Groups: 1, 2, 6 and 9 B. A. History, Economics, English, Tamil. B. Sc. Maths., Botany. B. Com.
80	Women's Christian College Nagarcoil — 629001 Phone No. 2061	Kanyakumari Diocese (C. S. I.) 1973	Part I Tamil Part II - English Part III P.U.C. Groups : 1, 2, 5, 7 and 21 B.A. Tamil B.Sc. Botany

Professional colleges and other institutions

81	Alagappa Chettiar College of Engineering & Technology, Karaikudi - 623004 Phone No. 535	Government of Tamilnadu 1952	B.E. Part - Time B.E. Post Graduate Diploma Course in Electro - chemical Engineering.
82	Thiagarajar College of Engineering, Madurai - 625015 Phone No. 8131	Thiagarajar Endowment Trust. 1958	B.E. Part - time B.E. B.Sc. Applied Science M.Sc. Engineering. (Part - time and Full time)
83	Madurai Medical College, Madurai - 625020 Phone No. 30331	Government of Tamilnadu 1954	M.B.B.S. B. Pharmacy Post Graduate - Diploma Courses and Post Graduate Degree Courses.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
732	–	732	38	—	38	1363	2436	NCC 75	—	75	62	—	62	—	Thiru. M. Sankaralingam, M.A., M.L.C.
								NSS 100	—	100					
–	570	570	–	29	29	2736	964	–	–	–	–	64	64	–	Tmty. J. Gnandasan M. A
735	–	735	79	–	79	16133	367	NCC 70	–	70	55	–	55	–	Thiru S. Srinivasan, B. E. (Hons.), M. S., M.SC.,F.I.E.
1061	21	1082	86	–	86	18810	1478	NCC 70	–	70	73	–	73	–	Thiru M. Maria Louis, B.E. (HONS.) M.A.SC., A.M.I.E.
								NSS 79	21	100					
1214	417	1631	264	76	340	23138	514	NCC 150	50	200	176	69	245	1	Dr.D.Bhupati, M. D., F.I.C.A.

1	2	3	4
84	Govt. College of Indian Systems of Medicine, Palayamkottai-627002 Phone No. 2056	Government of Tamilnadu 1964	B.I.M.
85	The Gandhigram Institute of Rural Health and Family Planning, Gandhigram. P. O. - 624309 Phone No. 246	Chairman, The Gandhigram Institute of Rural Health and Family Planning 1964	Diploma in Health Education
86	Tirunelveli Medical College, Tirunelveli-627011.	Government of Tamilnadu Phone No. 2310	M. B. B. S.
	LAW :		
87	Madurai Law College Madurai-625002.	Government of Tamilnadu 1974	I B. G. L. II B. G. L.
	TEACHING :		
88	Dr. Alagappa Chettiar Training College, Karaikudi - 623003 Phone No. 530	Dr. Alagappa Chettiar Educational Trust, Karaikudi 1950	B. Ed.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
150	46	196	22	5	27	5000	25	—	—	—	25	5	30	—	Dr. P. Gurusironmani, B. A., G. C. I. M.
21	8	29	16	6	22	5939	240	—	—	—	—	—	—	3	Director Dr. K.A. Pisharoti, B.E. (Hons), M.E. (P.H.) DR.P.H.
376	162	541	89	17	106	8305	NCC 413	16	7	23	70	25	95	—	Dr. P. Natarajan, M.D.
							NSS 65	35	100						
576	33	609	7	—	7	575	1006	—	—	—	26	3	29	—	Thiru S. Master Sankaran, M.L.
43	47	90	8	2	10	—	—	—	—	—	—	—	—	— —	Dr. S. Thiruvenkatachari, M.A., L.T., M. Ed. Diploma in Edn., Ph.D.

1	2	3	4
89	St. Xaiver's College of Education, Palayamkottai —627002 Phone No. 2315	Society of St. Francis Xavier 1950	B. Ed. M. Ed.
90	V. O. C. Teachers' College, Tuticorin - 628003 Phone No. 20492	V. O. Chidambaram Pillai Educational Society, Tuticorin	B. Ed. M. Ed.
91	Thiagarajar College of Preceptors, Madurai - 625009 Phone No. 22682	Thiagarajar College Edowment Trust 1956	B. Ed.
92.	St. Ignatius Training College for Women, Palayamkottai-627002 Phone No. 2258	Missionery Sisters of the Immaculate Heart of Mary 1957	B.Ed.
93	Annammal Training College for Women, Tuticorin-628002 Phone No. 20587	Subbiah Dharma Nidhi Trust 1962	B.Ed.
94	The N.V.K.S.D. Teachers' College Attoor, K.K.Dt.	N.V.K.S. Dewaswom 1963	B.Ed.

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
77	—	77	16	—	16	4200	60	—	—	—	14	1	15	—	Rev. Fr. Joseph Srinivasan, S.J., M.Sc., M.Ed., Ph.D.
98	10	108	7	—	7	5080	106	—	—	—	—	—	—	—	Thiru P. Jinarajadasa, M.A., M.Ed.
42	47	89	9	1	10	7951	314	—	—	—	4	5	9	—	Thiru A. Narayana Reddiar, M.A., M.Ed.
-	70	70	-	7	7	4712	227	-	-	-	-	2	2	-	Sr. Lutgarde Broucke, M. A., M. Ed.,
	79	79	-	6	6	5220	90	-	-	-	-	1	1	-	Dr. Selvi R. Vajreswari, M. A., M. Ed., A. I. E. (Lond), Ph. D.
32	48	80	8	1	9	3204	608	-	-	-	-	1	1	-	Thiru K. P. Ramachandran Nayar, M. A., (Hist.), M. A., (Socio.), and M. Ed.

1	2	3	4
95	Lakshmi Teachers' Training College, Gandhigram P.O. Phone No. 37	Gandhigram 1967	B.Ed.,
96	St. Justin's Teachers' College for Women, Madurai - 625009. Phone No. 32012	The "Eductional Society of Immaculate Conception" 1968	B. Ed.
	PHYSICAL EDUCATION :		
97	Alagappa College of Physical Education, Karaikudi-623004. Phone No. 539.	Dr. Alagappa Chettiar Educational Trust, Karaikudi-3 1956	B. P. Ed. M. P. Ed,
	BUSINESS MANAGEMENT :		
98	Thiagarajar School of Management, 7, Andalpuram, Madurai-625003 Phone No. 24824	Thiagarajar Educational Trust, Madurai. 1962	Diploma in Business Administration (Part-Time) M. B. A. (Part - Time)
	ORIENTAL TITLE :		
99	Ramasamy Tamil College, Karaikudi-623001 Phone No. 287	Thiru VR. Rm. PR. Periyakaruppan Chettiar. 1967	2 (d) Pulavar Tamil
100	Arulmigu Palaniandavar Mahalir Sentamil Kallori, Palni. Phone No. 439	Arulmigu Dhandayuthapani swamy Thirukkoil 1970	2 (d) Pulavar Tamil

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
22	57	79	5	3	8	2820	230	-	-	-	1	1	2	-	Dr. R. Srinivasan, M.A,.M.Ed.,Ph.D.
—	65	65	—	9	9	3896	327	—	—	—	—	1	1	—	Sr. Mary Dilecta Teresa, M.A., M.Ed.
62	21	83	13	—	13	2844	78	—	—	—	2	—	2	—	Dr. M. Robson, M.P.E., (Spfld,) D.Ed., (U. O.)
148	—	148	24	—	24	1804	49	—	—	—	1	—	1	—	Thiru G.P. Asthana, M.Com., M.B.A., (S.Calif.)
39	57	96	3	1	4	2210	164	—	—	—	2	1	3	—	Thiru N. Ramanathan, B.O.L.
—	117	117	—	8	8	4094	4141	—	—	—	—	15	15	—	Selvi P. Sethupathy, M.A.

1	2	3	4
101	College of Gandhian Thought, Gandhi Museum, Madurai - 625020 Phone No. 25700	Tamilnadu Gandhi Smarak Nidhi, 1968	1. Certificate Course in Gandhian Thought. 2. Diploma Course in Gandhian Thought
102	College of Gandhian Thought Gandhi Niketan Ashram, T. Kallupatti-626702 Madurai Dt. Phone No. 21	Gandhi Niketan Ashram, T. Kallupatti 1940	1. Certificate Course in Gandhian Thought. 2. Dipoloma Course in Gandhian Thought.

MATRICULATION

1	2	3	4
103	St. Joseph's Matriculation School, Madurai-9 Phone No. 22443	Sisters of St. Joseph of Lyons-School 1959	Matriculation
104	Arulmigu Palaniandavar Matriculation School, Palani.	Arulmigu Dhandayutha-paniswami, Thirukkoil, Palani, 1974.	Marticulation IX Std. started during June, 1954
105	V.S.K. Duraiswamy Nadar English Matriculation School Sivakasi	Thiru V.S.K. Duraiswamy, Nadar, Correspondent. 1974.	Matriculation

5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
64	31	95	8	–	8	356	9	–	–	–	9	4	13	–	Thiru K. Arunachalam, M.A., L.T.
28	8	36	4	–	4	–	–	–	–	–	–	–	–	–	Thiru K. Muniandi, B.A., L.T.
								NCC							
–	51	51	–	9	9	3661	88	–	11	11	–	1	1	5	Sr. Rosari, B.SC., B.T.
–	–	–	–	16	16	–	–	–	–	–	–	–	–	–	V. Syamala Devi, M.A.
–	15	15	–	7	7	250	35	–	–	–	–	–	–	–	Selvi K. Susila, B.A., B.T.

Note: UNDER COLUMN 4

Group 1 denotes: Mathematics, Physics and Chemistry.

Group 2 denotes: Biology, Physics and Chemistry.

Group 3 denotes: Mathematics, Logic and Commerce.

Group 4 denotes: Mathematics, Commerce and Advanced English.

Group 5 denotes: History, Economics and Advanced Tamil.

Group 6 denotes: Commerce, Economics and Advanced English

Group 7 denotes: History, Economics and Advanced English.

Group 8 denotes: Commerce, Economics and Psychology.

Group 9 denotes: Economics, Commerce and Advanced Tamil.

Group 10 denotes: History, Economics and Logic.

Group 11 denotes: History, Economics and Household Arts.

Group 12 denotes: Psychology, Commerce and Advanced English.

Group 13 denotes: Psychology, History and Household Arts.

Group 14 denotes: Logic, Economics and Advanced English.

Group 15 denotes: Psychology, Household Arts and Advanced English.

Group 16 denotes: Mathematics, Economics and Commerce.

Group 17 denotes: Specialised Tamil.

Group 18 denotes: History, Indian Culture and Advanced Tamil.

Group 19 denotes: History, Commerce and Advanced Tamil.

Group 20 denotes: History, Commerce and Advanced English.

roup 21 denotes: Mathematics, Economics and Commerce.

Group 22 denotes: History, Economics and Commerce.

Gronp 23 denotes: History, Geography and Advanced Tamil.

Group 24 denotes: Economics, Geography and Advanced Tamil.

Group 25 denotes: Indian Music, Indian Culture and Fine Arts.

Group 26 denotes: Indian Music, Indian Culture and Advanced English.

Group 27 denotes: Economics, Commerce and Sanskrit.

Group 28 denotes: History, Commerce and Logic.

Group 29 denotes: Logic, Commerce and Advanced Tamil.

Group 30 denotes: History, Geography and Economics.

Group 31 denotes: History, Geography and Advanced English.

Group 32 denotes: Psychology, History and Logic.

Group 33 denotes: Logic, Economics and Commerce.

Group 34 denotes: Logic, Commerce and Advanced English.

Group 35 denotes: History, Geography and Logic.

Group 36 denotes: Psychology, Economics and Advanced Tamil.

Group 37 denotes: Geography, Economics and Commerce.

Group 38 denotes: History, Economics and Advanced Malayalam.

APPENDIX—G

Students Aid Fund sanctioned for the year 1974-75 to the affiliated colleges during the year, 1975.

		Rs.
1)	S. T. Hindu College, Nagercoil.	3, 750
2)	Alagappa Chettiar College of Engineering and Technolgy, Karaikudi.	290
3)	The N.V.K.S.D. Teachers' College, Attoor, Kanyakumari District.	750
4)	Pioneer Kumaraswamy College, Nagercoil.	1, 000
5)	Virudhunagar Hindu Nadar's Senthikumara Nadar College, Virudhunagar.	3, 750
6)	Arul Anandar College, Karumathur, Madurai District.	557
7)	G. Venkataswamy Naidu College, Kovilpatti	903
8)	Christian College, Martandam, Kanyakumari District.	2, 750
9)	Aditanar College of Arts and Science, Virapandianpattinam, Tiruchendnr.	1, 000
10)	Kamaraj College, Tuticorin.	750
11)	The American College, Madurai	1, 698
12)	Pasumpon Muthuramalinga Thevar College, Melaneelithanallur, Tirunelveli District.	750
13)	V. O. Chidambaram College, Tuticorin.	3, 750
14)	Sri Parasakthi College for Women, Courtallam, Tirunelveli District.	1, 684

15)	V.V. Vanniaperumal College for Women, Virudhunagar.	1, 750
16)	Nadar Mahajana Sangam, S. Vellaichamy Nadar College, Nagamalai, Madurai.	1, 750
17)	Seethalakshmi Achi College for Women, Pallathur, Ramanathapuram Dist.	757
18)	The Madura Diraviyam Thayumanavar Hindu College, Pettai, Tirunelveli.	1, 673
19)	Sree Sevugan Annamalai College, Devakottai.	507
20)	Saraswathi Narayanan College, Perungudi, Madurai.	1, 000
21)	The Standard Fireworks Rajaratnam College for Women, Sivakasi, Ramanathapuram Dist.	440
22)	Sarah Tucker College, Tirunelveli.	1, 417
23)	Sri Kumara Gurupara Swamigal Arts College, Padmanabhamangalam, Srivaikuntam.	400
24)	Alagappa College, Karaikudi.	1,575
25)	Arignar Anna College, Aramboly, Kanyakumari District	1,000
26)	Thiagarajar College of Engineering, Madurai.	1,750
27)	Dr. Zakir Husain College, Ilayangudi, Ramanathapuram District.	750
28)	St. Xavier's College, Palayamkottai.	1,107
29)	Vivekananda College, Agesteeswaram, Kanyakumari District.	1,750
30)	Sourashtra College, Madurai.	750
31)	Government Arts College, Melur.	750
32)	Holy Cross College, Nagercoil.	1,410
33)	Thiagarajar College, Madurai.	1,824
34)	Lakshmipuram College of Arts and Science, Neyyoor, Kanyakumari District.	1,750

35)	Arumugampillai Seethai Ammal College, Tiruppattur, Ramanathapuram District.	1,169
36)	Sadakathullah Appa College, Palayamkottai Tirunelveli.	888
37)	St. John's College, Palayamkottai, Tirunelveli.	2.250
38)	Fatima College, Madurai.	1,600

Students Aid Fund Sanctioned for the year 1975-76 to the affiliated colleges during the year, 1975.

		Rs
39)	Pioneer Kumaraswami College, Nagercoil.	1,000
40)	Nadar Mahajana Sangam S. Vellaichamy Nadar College, Nagamalai, Madurai.	1,750
41)	Vivekananda College, Agesteeswaram, Kanyakumari District.	1,750
42)	Pasumpon Muthuramalinga Thevar College Melaneelithanallur, Tirunelveli Dist.	1,000
43)	Sri Kumara Gurupara Swamigal Arts College, Srivaikuntam.	480
44)	Thiagarajar College of Preceptors, Madurai.	90
45)	V.V. Vanniaperumal College for women, Virudhunagar.	1,750
46)	The Madura Diraviyam Thayumanavar Hindu College, Pettai, Tirunelveli.	3,250
47)	Yadava College, Madurai.	1,750
48)	Sri Parasakthi College for Women, Courtallam, Tirunelveli District.	1,750
49)	Dr. Zakir Husain College, Ilayangudi, Ramanathapuram District.	750
50)	Sree Sevugan Annamalai College, Devakottai.	587
51)	S.T. Hindu College, Nagercoil.	3,750
52)	Sarah Tucker College, Tirunelveli.	2,250
53	St. Xavier's College, Palayamkottai.	1,153

APPENDIX - H.

University Grants Commission's grant sanctioned to the affiliated Colleges during the year 1975 towards setting up of Book banks in the College libraries for loan of books to students.

		Estimated Cost Rs.	U. G. C. Share Rs.
1)	Nadar Mahajana Sangam S. Vellaichamy Nadar College, Nagamalai, Madurai.	15,000/-	11,250/-
2)	V.V. Vanniaperumal College for Women, Virudhunagar.	15,000/-	11,250/-
3)	The Madura Diraviyam Thayum-anavar Hindu College, Tirunelveli.	20,000/-	15,000/-
4)	Yadava College, Madurai.	15,000/-	11,250/-
5)	The American College, Madurai.	20,000/-	15,000/-
6)	Fatima College, Madurai.	20,000/-	15,000/-
7)	Sri Parasakthi College, for Women, Courtallam.	15,000/-	11,250/-
8)	Holy Cross College, Rochnagar, Nagercoil.	15,000/-	11,250/-
9)	Tirunelveli Medical College, Tirunelveli.	15,000/-	11,250/-
10)	S. T. Hindu College, Nagercoil.	25,000/-	18,750/-
11)	Lady Doak College, Madurai.	15,000/-	11,250/-
12)	Virudhunagar Hindu Nadar's Senthikumara Nadar College, Virudhunagar.	25,000/-	18,750/-
13)	Scott Christian College, Nagercoil.	20,000/-	15,000/-
14)	Raja Doraisingam Memorial College, Sivaganga.	15,000/-	11,250/-

15)	Saraswathi Narayanan College, Perungudi, Madurai.	10,000/-	7,500/-
16)	Vivekananda College, Agesteeswaram Kanyakumari Dist.	15,000/-	11,250/-
17)	St. John's College, Palayamkottai.	20,000/-	15,000/-
18)	V. O. Chidambaram College, Tuticorin.	25,000/-	18,750/-
19)	Thiagarajar College, Madurai.	20,000/-	15000/-
20)	G. Venkataswamy Naidu College, Kovilpatti.	15,000/-	11,250/-
21)	Pioneer Kumaraswamy College, Nagercoil.	10,000/-	7,500/-
22)	Hajee Karutha Rowther Howdia College, Uthamapalayam.	15,000/-	11,250/-
23)	Aditanar College of Arts and Science, Virapandianpattinam, Tiruchendur.	10,000/-	7,500/-
24)	St. Xavier's College, Palayamkottai.	15,000/-	11,250/-
25)	The Sethupati Government Arts College, Ramanathapuram.	10,000/-	7,500/-
26)	Pasumpon Muthuramalinga Thevar College, Melaneelithanallur, Tirunelveli District.	10000/-	7.500/-
27)	Christian College, Martandam Kanyakumari District.	20,000/-	15,000/-
28)	Kamaraj College, Tuticorin.	8,000/-	6,000/-
29)	Aringar Anna College, Aramboly, Kanyakumari District.	10,000/-	7,500/-
30)	Sree Sevugan Annamalai College, Devakottai.	10,000/-	7,500/-
31)	Madura College, Madurai.	25,000/-	18,750/-
32)	Arulmigu Palaniandavar Arts College, Palani.	15,000/-	11,250/-
33)	M. V. Muthiahpillai Government Arts College for Women, Dindigul.	15,000/-	11,250/-

APPENDIX - I

Statement showing the number of candidates who appeared and passed the various examinations conducted by the University during the year 1975 (Annual and Supplementary)

Name of the Examination	Appeared			Passed		
	Men	Women	Total	Men	Women	Total
Matriculation						
March	910	238	1148	97	79	176
September	237	44	281	41	4	45
Pre-University						
March	17194	4145	21339	7360	2825	10185
September	546	103	649	36	11	47
E. T. to Oriental Title						
March only	39	32	71	4	6	10
Oriental Title - April only						
Preliminary	331	686	1017	140	420	560
Final	238	168	406	106	127	233

1	2	3	4	5	6	7
B. A. Degree						
April	5607	1990	7597	2607	1306	3913
September	1647	462	2109	565	177	742
B. A. Special Degree						
April	56	48	104	28	32	60
September	23	15	38	7	12	19
B. Sc. Degree						
April	4011	1095	5096	2168	347	3015
September	1242	199	1441	336	88	424
B. Sc. Special Degree						
April	357	142	499	266	131	397
September	66	10	76	25	5	30
B.Sc. Home Science						
April only	–	18	18	–	18	18
B. Com. degree						
April	2331	58	2389	1077	24	1101
September	755	7	762	296	1	297

B. B. A. Degree						
April	283	—	283	237	—	237
September	214	—	214	139	—	139
B. Music						
April only	1	7	8	1	6	7
M. A. M. Sc. April only						
M. A. Indian Culture	13	2	15	10	2	12
M. A. Economics	83	44	127	54	39	93
M. A. Tamil	214	125	339	119	96	215
M. A. Social work	26	3	29	23	3	26
M. A. French	1	3	4	—	1	1
M. A. Geography	—	9	9	—	7	7
M. A. English	93	86	179	51	57	108
M. A. History	140	57	197	85	41	126
M. Sc. Mathematics	71	37	108	35	22	57
M. Phil. Mathematics	17	4	21	6	2	8

1	2	3	4	5	6	7
M. Sc. Physics	36	12	48	19	8	27
M. Sc. Chemistry	68	13	81	58	7	65
M. Sc. Zoology	29	23	52	29	23	52
M. Sc. Biology	5	6	11	3	4	7
M. Sc. Mathematical Economics	20	3	23	14	3	17
M. Sc. Botany	—	28	28	—	28	28
M. Com.	55	—	55	7	—	7
M. Ed.	17	8	25	17	8	25
B. Ed.	367	401	768	334	355	689
B. Ed. October	29	40	69	24	38	62
M. P. Ed.	12	3	15	12	3	15
B. P. Ed.	51	21	72	43	21	64
M. B. A.	29	—	29	28	—	28

B. E. (SUS) April only						
Civil	74	—	74	65	—	65
Mechanical	61	—	61	49	—	49
Electrical	45	—	45	31	—	31
Electronics & Communication	10	—	10	9	—	9
Honours Civil	7	—	7	7	—	7
Honours Mechanical	6	—	7	6	—	6
Honours Electrical	4	—	4	4	—	4
Honours Electronics & Commn.	10	—	10	10	—	10
B. E. (Integrated)						
Civil	10	—	10	3	—	3
Mechanical	1	—	1	—	—	—
Electrical	5	—	5	3	—	3
M. Sc. Engineering - April only						
Civil	3	-	3	3	-	3
Electrical	11	-	11	10	-	10

1	2	3	4	5	6	7
Part-Time B.E. April Civil	2	-	2	1	-	1
Mechanical	4	-	4	3	-	3
Electrical	1	-	1	—	—	—
Medical - April						
M. D. - Medicine	31	-	31	9	-	9
M. D. - Obstetrics and Gynaecology	—	8	8	—	2	2
M. D. - Pharmacology	—	1	1	—	1	1
M. D. - Forensic Medicine	1	-	1	1	-	1
M. D. - Paediatrics	6	-	6	2	-	2
M. D. - Anaesthesiology	4	-	4	1	-	1
M. S. - General Surgery	33	-	33	7	-	7
M. S. - E. N. T. Diseases	6	-	6	1	-	1

★SENTAMIL COLLEGE,★
MADURAI.

M. S. - Ophthalmology	6	-	6	2	-	2
M. S. - Orthopaedics	2	-	2	1	-	1
Post - Graduate Diploma in Medicine-April						
D. Orth.	3	-	3	3	-	3
D. L. O.	6	-	6	3	-	3
D. A.	7	-	7	3	-	3
D. P. M.	4	-	4	3	-	3
D. G. O.	—	13	13	—	6	6
D. O.	4	-	4	3	-	3
D. C. H.	3	1	4	2	1	3
Dip. in Health Education	16	2	18	12	1	13
I B. G. L. - April	278	13	291	108	4	112
I B. G. L. - October	168	6	174	75	2	77
B. Lib. Sc.	21	8	29	20	7	27

1	2	3	4	5	6	7
Medical - October :						
M. D. - General Medicine	26	2	28	12	1	13
M. D. - Pathology	—	1	1	—	1	1
M. D. - Microbiology	—	1	1	—	—	—
M. D. - Physiology	—	1	1	—	—	—
M. D. - Anaesthesiology	4	-	4	2	-	2
M. D. - Obstetrics and Gynaecology	-	5	5	—	1	1
M. D. - Paediatric Medicine	3	-	3	—	—	—
M. S. - General Surgery	23	-	23	4	-	4
M. S. - Ophthalmology	5	-	5	4	-	4
M. S. - E.N.T. Diseases	5	-	5	1	-	1
M. S. - Orthopaedics	1	-	1	1	-	1

Part-Time B. E. November :						
Civil	44	-	44	35	-	35
Mechanical	12	-	12	8	-	8
Electrical	19	-	19	17	-	17
Medical - April :						
M. Ch. Paediatric Surgery	2	-	2	2	-	2
M.D. - Siddha Maruthuvam	4	2	6	3	1	4
M.D. - Siddha Gunapaddm	5	1	6	5	-	5
B.I.M - April	47	11	58	31	11	42
B.I.M. - October	25	1	26	16	1	17
M.B.B.S. - April	171	62	233	82	26	108
B. Pharm. - April	36	-	36	21	-	21
Certificate / Diploma Examinations-April only						
Diploma in Kannada	1	—	1	1	—	1

	2	3	4	5	6	7
Diploma in Malayalam	5	—	5	5	—	5
Diploma in French	7	1	8	7	1	8
Diploma in Russian	2	—	2	2	—	2
Diploma in German	3	—	3	2	—	2
Diploma in Linguistics	11	1	12	10	1	11
Diploma in Tamil for non-Tamils	1	1	2	1	1	2
Diploma in Geography	2	2	4	2	2	4
Diploma in Gandhian Thought	19	1	20	16	—	16
Certificate in Gandhian Thought	137	42	179	123	41	164
Certificate in Linguistics	16	13	29	14	13	27
Certificate in Kannada	5	—	5	5	—	5
Certificate in Malayalam	4	—	4	4	—	9
Certificate in Sanskrit	12	—	12	9	—	9

Certificate in Russian	8	1	9	7	1	8
Certificate in French	17	4	21	15	4	19
Certificate in German	13	1	14	9	1	10
Certificate in Indian Culture	3	—	3	2	—	2
Certificate in Tamil for non-Tamils	6	5	11	4	5	9
Certificate in Library Science	16	10	26	11	9	20

APPENDIX-J

Number of applications received from candidates for exemption to appear for the following examinations of March/April/September, 1975

M.A., Degree Examination	(April 1975)	...	1618
M.Sc., (Maths.) do	(April 1975)	...	11
M. Phil. (Maths.) do	(April 1975)	...	9
B.A. do	(April & Septemper, 1975)	...	785
B.Sc. (Maths.) do	(April & September, 1975)	...	8
Pre-University Examination	(April & September, 1975)	...	551
Matriculation Examination	(April 1975)	...	1256
Oriental Title (Preliminary) Examination	(April 1975)	...	1300
Oriental Title (Final) Examination	(April 1975)	...	192
Entrance Test to Oriental Title Examination	(April 1975)	...	131
Certificate Examination in Gandhian Thought	do	...	1
Diploma Examination in Gandhian Thought	do	...	1

APPENDIX-K

The number of persons on whom degrees were conferred in the main Convocation held on 10th and 11th October, 1975 are given below :

Examination	Men		Women	
	In Person	In Absentia	In Person	In Absentia
M. D.	2	8	—	1
B.Pharm.	1	24	—	—
M.S.	7	4	—	—
M.B.B.S.	17	42	9	19
B.I.M.	8	2	2	2
B.E.	59	136	—	—
M.Sc. (Engg)	1	2	—	—
Ph.D. (Sc.)	1	2	—	—
Ph. D. (Arts)	1	—	1	—
M. Phil.	2	5	1	1
M. Sc.	67	59	41	38
B.Sc.	749	1147	243	465
B.Sc. (Spl.)	107	104	82	36
B. Sc. (H. Sc.)	—	—	9	5
B. Sc. (Agri.)	—	4	—	—
M. Com.	8	19	—	—
B. Com.	438	440	5	11
M.Ed.	2	3	1	2
B. Ed.	59	188	62	237
M. A.	193	100	129	83
M.P.E.d.	1	3	—	1
B.A.	916	975	377	426
B.A. (Spl.)	13	28	24	7
B.P.Ed.	16	8	9	2
B.B.A.	82	58	—	—
B. Mus.	—	—	3	3
B. Lib. Sc.	7	2	2	1
M.B.A.	4	5	—	—
M.Litt.	1	—	—	—

APPENDIX—L

The number of persons on whom degrees were conferred in the supplemental Convocation held on 29th March 1975 are given below:

Examinations	Men		Women	
	In Person	In Absentia	In Person	In Absentia
M. D.	5	1	—	2
M. S.	2	1	—	—
M. B. B. S.	28	47	17	16
B. Pharm.	4	6	—	—
B. I. M.	1	1	1	—
B. E.	40	26	—	—
Ph. D. (Sc.)	1	2	—	—
Ph. D. (Arts)	1	2	1	—
M. Phil.	—	2	—	—
M. Sc.	11	15	2	6
B. Sc.	145	229	46	111
B. Sc. (Spl.)	9	14	1	7
B. Sc. (H. Sc.)	—	—	—	1
M. Com.	1	2	-	-
B. Com.	71	72	—	—
M. Ed.	1	2	1	1
B. Ed.	15	60	15	72
M. A.	36	38	8	16
B. A.	258	228	86	133
B. A. (Spl.)	4	3	3	1
B. P. Ed.	1	3	2	2
M. P. Ed.	1	3	1	—
B. B. A.	6	17	—	—
B. Mus.	—	—	—	1
M. Litt.	1	—	—	—

APPENDIX—M

The number of persons on whom the several diplomas and titles were awarded at the Special Meeting of the Senate held on 11th September, 1975 are given below:

Examinations	Men		Women	
	In Person	In Absentia	In Person	In Absentia
D. G. O.	...	...	...	12
D. O.	—	5	—	—
D. L. O.	...	5	...	1
D. Ortho.	—	4	—	...
D. A.	—	3	—	—
D. C. H.	1	5	—	1
D. M. R. D.	—	1	—	—
—	—	—	—	—
D. H. Ed.	—	12	—	1
Dip. in Linguistics	—	9	—	1
Dip. in Geography	—	2	—	2
Dip. in Gandhian Thought	2	14	—	—
Dip. in French	4	4	—	1
Dip. in Russian	1	1	—	-
Dip. in German	-	2	-	-
Pulavar 2 (d)	7	100	9	116
Dip. in Psychological Medicine	-	6	-	-
Dip. in Kannada	-	1	-	-
Dip. in Malayalam	1	4	-	-
Dip. in Tamil & South Indian Culture	-	1	-	1

APPENDIX-N

1. Lecturers appointed in the University Departments during 1975.

S. No.	Name of the teacher	Dept.	Designation	Date of Joining
1.	Thiru K. Navaneethakrishnan	Physics	Lecturer	29-9-75 F. N.
2.	Dr. S. Rajan	Physics	Lecturer	13-8-75 F. N.
3.	Thiru S. Jeyapragasam	Ancient Hisiory	Lecturer	11-8-75 F. N.
4.	Selvi A. Santha	Tamil	Lecturer	11-8-75 F. N.
5.	Thiru M. Ramasamy	Tamil	Lecturer	11-8-75 F. N.
6.	Thiru S. Venkataraman	Tamil	Lecturer	8-8-75 F. N.

2. List of teachers appointed in the Institute of Correspondence Course and Contiuning Education during 1975

S. No.	Name of the teacher	Designation & subject handling	Date of Joining
1.	Thiru S. Ravindranathan	Lecturer in English	12-8-75 F. N.
2.	Selvi Rodrigo Mary Margaret Bernice	Lecturer in English	20-8-75 F. N.
3.	Thiru H. Bharkath Alikhan	Sr. Lecturer in Commerce	11-8-75 F. N.
4.	Thiru S. Vadivelu	Lecturer in Commerce	13-8-75 F. N.
5.	Thiru N. M. Ganesan	Lecturer in Commerce	21-8-75 F. N.
6.	Thiru A. Devadoss Gandhi	Lecturer in Commerce	20-8-75 F. N.
7.	Thiru G. R. Parthasarathy	Lecturer in Geography	13-8-75 F. N.
8.	Selvi J. Janaki	Lecturer in Geography	20-8-75 F. N.
9.	Selvi G. Rajam	Lecturer in Maths.	11-8-75 F. N.
10.	Thiru K. Boj	Lecturer in Mahts	13-8-75 F. N.
11.	Thiru N. Veluchamy	Lecturer in Tamil	13-8-75 F. N.

3. Names of part-time lecturers appointed in the Evening College, Madurai University, Madurai-2, during 1975.

S. No.	Name of the teacher	Designation & subject handling	Date of joining
1.	Thiru N. Vembu	Lecturer in Tamil	16-6-75
2.	Thiru S. Kannan	do	do
3.	Thiru P. R. Mathuram	Lecturer in English	do
4.	Thiru Maria Joseph Xavier	do	do
5.	Thiru S. Jeyaprakash (Res. Scholar)	do Tamil	do
6.	Thiru N. Sriraman	Lecturer in Economics	do
7.	Thiru G. Ramakrishnan	Lecturer in Commerce	18-6-75
8.	Thiru V. Venkatasubbiah	Lecturer in English	1-7-75
9.	Thiru Job D. Mohan	Lecturer in English	-do-
10.	Thiru J. Vasanthan	-do-	-do-
11.	Rev. A. G. Samuel	-do-	-do-
12.	Thiru S. John Sahayam	-do-	-do-
13.	Thiru R. Nedumaran	-do-	-do-
14.	Thiru D. Yesudas	-do-	-do-
15.	Thiru G. R. Balakrishnan	-do-	-do-
16.	Thiru N. S. Sethuraman	-do-	-do-
17.	Thiru M. Elamaran	-do-	-do-
18.	Thiru S. Ganesan	-do-	-do-
19.	Thiru D. Samuel Lawrence	-do-	-do-
20.	Thiru V. Gunasingh	-do-	-do-
21.	Thiru M. K. Hariharan	-do-	-do-
22.	Thiru S. Padmanabhan	-do-	-do-
23.	Thiru G. Natarajan	Lecturer in Tamil	-do-
24.	Thiru S. T. Noah	-do-	-do-
25.	Thiru P. M. Santhamoorthy	-do-	-do-
26.	Thiru N. Baluswamy	-do-	-do-
27.	Thiru S. Kulandainathan	-do-	-do-
28.	Thiru G. Devarajan	Lecturer in Economics	-do-
29.	Thiru J. Johnson Sundararaj	-do-	-do-
30.	Thiru J. E. M. Arputhamoorthy	-do-	-do-
31.	Thiru K. Venkataramakrishnan	-do-	-do-

S. No.	Nam: of the teacher	Designation and subject handling	Date of Joining
32.	Thiru S. Baskaran	Lecturer in Economics	1-7-1975
33.	Thiru G. Immanuel Baskaran	-do-	-do-
34.	Thiru S. Arunachalam	-do-	-do-
35.	Thiru A. Vijayarajan	-do-	-do-
36.	Thiru R. Srinivasan	-do-	-do-
37.	Thiru D. Graharajan	Lecturer in Commerce	-do-
38.	Thiru M. Mariappan	-do-	-do-
39.	Thiru R. Srinivasan	-do-	-do-
40.	Thiru S. Pandian	-do-	-do-
41.	Thiru M. Jeya Singh	-do-	-do-
42.	Thiru M. V. Govindarajulu	-do-	-do-
43.	Thiru D. Jeevaraj	-do-	-do-
44.	Thiru V. Ramakrishnan	-do-	-do-
45.	Thiru O. Ramasamy	-do	-do-
46.	Thiru N. K. Kadirmohideen	-do-	-do-
46.	Thiru N. N. Devadoss	Lecturer in Statistics	-do-
48.	Thiru B. Gunaraj	-do-	-do-
49.	Thiru A. Ganesan	Lecturer in History	-do-
50.	Selvi A. Moses	-do-	-do-
51.	Thiru M. Mariappan	Lecturer in M. Law	4-7-75
52.	Thirn Meston N. R. Fenn	Lecturer in Economics	23-7-75
53.	Thiru D. Stephen Samuel	-do-	23-7-75
54.	Thiru P. Yousuf	-do-	23-7-75
55.	Thiru V. Robert Bellarmine	Lecturer in English	28-7-75
56.	Thiru V. Venugopalan	Lecturer in Economics	26-7-75
57.	Thiru G. Velan	-do-	28-7-75
58.	Thiru R. Paul Pandian	Lecturer in Commerce	28-7-75
59.	Thiru K. R. Viswanathan	-do-	29-7-75
60.	Thiru A. S. Selvaraj	-do-	26-7-75

APPENDIX-O

List of distinguished visitors to the various departments of the University from India and abroad during the year 1975 :-

S. No.	Name of the visitor with address	Department visited	Topic of Lectures	Date of visit/Lectures
1	2	3	4	5
1.	Thiru T. Sivapadasundaram Tamil Literary Critic, Madras.	Tamil	First Tamil Novels	August, 1975 One day.
2.	Thiru K. Rajanarayanan Tamil Writer,	Tamil	My Creations	September, 1975 One day.
3.	Thiru N. Pichamoorthy Tamil Poet, Madras.	Tamil	Modern Tamil Free Verses	27th Oct. 1975 One day.
4.	Thiru C. S. Chellappa Tamil Writer and Critic	Tamil	Free Verses	27-10-75.
5.	Tmty. Willdon Professor, Sweeden.	Tamil		Since Oct. 1975
6.	Dr. Mr. Joy Huntley Fulbright Professor, Uuiversity of Madras.	Economics	Appalachia : A case study in Regionalism.	15-9-75. 4-1-75.
7.	Dr. Bangard Tevin Historian of Soviet Russia.	Modern History	India and Central Area	4-1-75.
8.	Thiru D. Natarajan, Secretary in charge of Task force on Rural Development.	Gcography	Role of Geographers in planning	29-8-75.
9.	Dr. M. L. Herr, Dept. of Chemistry, University of Malaysia.	Natural Products Chemistry and Physical Chemistry.	1)Pi-SCF Calculations 2) Hybridisation in propellanes	2-7-75 to 5-7-75

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
10.	Dr. K. Nagarajan, Leader of the Pharma Synthetic group, CIBA Research centre, Goregaon, Bombay.	Physical organic Chemistry & Inorganic Chemistry.	Conformations of Cyclohexane derivative	27-4-75 to 30-4-75
11.	Dr. C. Ramakrishnan, Molecular biophysics unit, I. I. Sc. Bangalore.	Physics	Discussion of research	August, 1975.
12.	Dr. R. Chandrasekaran, Molecular biophysics unit, I. I. Sc. Bangalore.	-do-	X-ray diffraction of fiber	September, 1975.
13.	Prof. N.R. Ranganathan Matscience, Madras.	Physics	Conduction electron in strong magnetic field	Sept. 75
14.	Prof. E.C.G. Sudharsan Institute of Theoretical Physics, I.I.Sc., Bangalore and Syracuse University, U.S.A.	-do-	Academic discussion	——
15.	Prof. K. P. Sinha Head of the Dept. of Applied Mathematics, I.I.Sc. Bangalore.	-do-	Research discussion	April. 75
16.	Dr. Reisser Director of German Academic Exchange programme, Delhi	-do-	General academic discussion	Sept. 75
17.	Prof. B. M. Udgaonkar TIFR, Bombay.	-do-	Discussion of Physics Department Activities	August. 75

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
18.	Prof. B. Venkataraman TIFR, Bombay.	Physics	Discussion of Research activities	Jan. 75
19.	Prof. J. N. Kapur I.I.T. Kanpur.	-do-	General Academic discussion	August, 75
20.	Dr. D. Sankara Narayan University Grants Commission New Delhi.	-do-	General Academic discussion	——
21.	Dr. S. Ramaseshan, Deputy Director and head, Materials Science Division Nationol Aeronautical Lab. Bangalore.	-do-	Gave U.G.C. National lectures as below and had very useful disscussion of research activities :- i) Electronic Materials I ii) Electronic Materials II iii) High pressure physics and crystallography iv) Solar energy	Oct. 75
22.	Dr. N. Sankaran Advanced Centre for Mathematics Panjab University, Chandigarh.	Mathematics	Henselian Rings and Fields	17-1-75
23.	Prof. W. J. Thron Dept. of Mathematics University of Colorado, Boulder — Colorado (U.S.A)	-do-	Proximities, Lattice of Topologies and continued fractions	22nd to 25th Jan. 75

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
24.	Dr. D. Sundararaman, School of Mathematics, TIFR, Bombay.	Mathematics	Deformation theory	7th to 12th March, 75
25.	Prof. Krishna B. Athreya Dept. of Mathematics, Indian Institute of Sciences, Bangalore.	-do-	Branding Processes and Stochastic Integrals	1st to 4th March, 75.
26.	Prof. T. P. Srinivasan Department of Mathematics, Kansas University, Kansas (U. S. A.)	-do-	Measures on rings	7. 3. 75
27.	Dr. S. C. Bagchi. School of Mathematics, TIFR, Bombay.	-do-	Harmonic Analysis	25th March to 5th April, 1975.
28.	Prof. G. Gratzer, Dept. of Mathematics University of Manitoba, Winnipeg, Canada.	-do-	Universal Algebras and Lattice Theory	23rd to 26th July, 1975
29.	Prof. M. Rajagopalan, Dept. of Mathematics Memphis state University, Memphis, U. S. A.	-do-	Topology	6th to 15 August, 1975.
30.	Prof. G. Sudarshan, Dept. of Physics, University of Texas at Austin, Texas. (U. S. A.)	-do-	Discussion on Mechanics	23. 7. 75.
31.	Prof N. R. Ranganathan. Matscience, Madras.	-do-	Generalised Clifford groups.	11. 9. 75

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
32.	Prof. J. N. Kapur, Dept. of Mathematics, Indian Institute of Technology Kanpur.	Mathematics	Applied Mathematics	18. 8. 75.
33.	Dr. B. V. Raman, Editor, Astrological Magazine, Bangalore.	-do-	Astrology as a Science	18. 10. 75
34.	Prof. Waclaw Szybalski, Mc-Ardle Laboratory of the University of Wisconsin, Madison, Wisconsin, U.S.A.	Biological Sciences		
35.	Dr. Cliford Brunk Institute of Molecular Biology, University of California, Los Angles, U. S. A.	do-	Participated in the workshop in recent trends in Molecular Biology.	Feb., 1975.
36.	Prof. Joel Mandelstam, University of Oxford, Oxford, England.	-do-	Participated in (1BUC) Indo British Universities Collaboration Programme.	March, 1975.
37.	Dr. Michael Gough Dept. of Microbiology, States University of New York, Stone, Brook, (N.Y.) U.S.A.	-do-	Participated in the laboratory course in Molecular Genetics.	July, 1975

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
38.	Dr. D. P. Burma, Banaras Hindu University.	Biological Sciences	Ribosome Structure & Function	Feb. 1975
39.	Dr. Maharani, Banaras Hindu University.	,,	Permeability in phage P. 22 infected Salmonella	,,
40.	Dr. Susheel Kumar, IARI, New Delhi.	,,	Transfer of NIF genes from Klebsiella to E.coli	,,
41.	Dr. B.B. Biswas, Bose Institute, Calcutta.	,,	Eucaryotic Transcription	,,
42.	Dr. R.K. Poddar, Calcutta University.	,,	Participated in the USEFI workshop on Trends in Mol. Biol.	,,
43.	Dr. M.R. Das, TIFR, Bombay.	,,	Viral Carlinogenesis	,,
44.	Prof. T. Ramakrishnan I.I.Sc. Bangalore.		Participated on the Curriculam Status of Mol. Biology	,,
45.	Dr. K.P. Gopinathan, I.I.Sc. Bangalore.	,,	A novel technique for DNA sequencing.	,,
46.	Dr. J. Padayatti I.I.Sc. Bangalore.	,,	Regulation of transcription in rice embryos	,,
47.	Dr. N. K. Notani, BARC, Bombay. Prof. Ernst. Freese Head, Molecular Biology Division. National Institute of Health, Bethedy Maryland.	,,	Regulation and sporulation	Feb. 1975.

S. No.	Name of the visitor with address	Department visited	Topic of Lectures	Date of visit/Lectures
1	2	3	4	5
48.	Dr. C. R. Krishnamurthi C.D.R.I., Lucknow.	Biological Sciences.	Encystment in Endomeba histolytica	Aug. 1975
49.	Dr. C. Ramakrishnan, I. I. Sc. Bangalore.	,,	Gave lectures to the M.Sc. Mol. Biology students	,,
50.	Dr. K. Chandrasekaran, I. I. Sc. Bangalore.	,,	Gave lectres to the M.Sc. Mol. Biology students	,,
51.	Dr. U. Madhavanath, BARC, Bombay.	,,	Gave lectures to M.Sc., Students on Radiation Biology	,,
52.	Dr. D. Shankar Narayan, Addl. Secretary, U. G. C., New Delhi.	,,	——	——
53.	Dr. Balasubramanian, Dept. of Chemistry, I. I. T. Kanpur.	,,	Studies on Model membranes	Dec. 1975.
54.	Dr. T. Ramasarma, Dept. of Bio-Chemistry, I. I. Sc. Bangalore.	,,	Participated as an Examiner for Certificate course in Biological Chemistry	10th August to 13 th August
55.	Dr. Marcia Brody New York City University, New York.	,,	Photobiology	7th July to 13th August
56.	Dr. Steven Brody New York City University, New York.	,,	Photo Chemistry	17th July to 31st July
57.	Dr. Govindjee, University of Illinois, U. S. A.	,,		

S. No. 1	Name of the visitor with address 2	Department visited 3	Topic of Lectures 4	Date of visit/Lectures 5
58.	Dr. P. Mahanty, Delhi University	Biological Sciences		
59.	Dr. Robert Auerbach Dept. of Zoology, University of Wisconsion, Madison—U. S. A.	,,	Development of Immunity Mechanism of Tolerance.	28-6-75 and 29-6-75
60.	Dr. K. Sundaram, Director, Bio-Medical Group, Modular Laboratories, BARC, Trombay, Bombay-85.	,,	Concepts in Immunology	20-2-75

APPENDIX - P

REPORT ON THE WORKING OF THE SEVERAL DEPARTMENTS OF THE UNIVERSITY

DEPARTMENT OF TAMIL

1. STAFF :-

a) **Name of the Department** :- Department of Tamil.

b) **Name of the Professor & Head of the Dept.** :-

Dr. M. Shanmugam Pillai, M. A., M. Litt., Ph. D.

c) **Name of other Staff with their qualifications** :-

Readers :

1. Dr. R. Shanmugam M. A., Ph. D.
2. Dr. M. Israel, M. A., Ph. D., Diploma in Linguistics, Diploma in German.
3. Dr. Rm. Periakaruppan, M. A., Ph. D.

Lecturers :-

4. Dr. G. Vijayavenugopal, M. A., M. Litt., Ph. D., Diploma in Linguistics, Diploma in Telugu, Diploma in Epigraphy.
5. Thiru. J. Neethivanan, M. A., (Tamil) M. A., (Linguistics).
6. ,, C. Kanagasabapathy, B. A. (Hons.)
7. ,, Dr. D. Andiappa Pillai, M. A., Ph. D.
8. ,, T. Natarajan, M. A., Diploma in Linguistics.
9. ,, M. Navaneethakrishnan, Vidwan, B. O. L., M. A.
10. ,, Dr. R. Kothandaraman, M. A., (Tamil) M. A., (Linguistics) Ph. D., Diploma in Telugu.
11. Tmty. V. Saraswathi, M. A.
12. Thiru. S. Venkataraman, M. A., Diploma in Linguistics.
13. ,, M. Ramaswamy, M. A.
14. Selvi. A. Santha, M. A.

2. Course conducted in the Department and enrolment :-

P. G. Course	Men	Women	Total	B. C.	S. C/S. T.	Others
I Year ...	8	11	19	13	Nil	6
II Year ...	9	10	19	13	4	2

3. Research Scholars :-

Sl. No.		Name of the Scholar	Name of the Supervisors	Scheme under working	Topic of Research
1.	Thiru.	N. R. Mohan.	Dr. M. Israel	U. G. C. Jr. Fellow	Short Stories of Ku. Pa. Rajagopalan.
2.	,,	A. Srinivasaga prumal	-do-	-do-	Studies in Kalithokai.
3.	,,	T. Sethupandian.	Dr. M. Shanmugam Pillai.	-do-	Language Studies in-Tiruvasagam.
4.	,,	R. Radhakrishnan	Dr. Rm. Periakaruppan.	-do-	Naa. Parthasarathy's Novels.
5.	,,	A. Pitchai	-do-	University Fellowship	Metries in Sangam Literature.
6.	,,	I. Muthiah.	Dr. M. Shanmugam Pillai	-do-	Use of Tamil Dialects in Novels.
7.	,,	P. M. Ajmalkhan.	-do-	University Stipendiary	Tamil spoken by kallar Community at Sakkilian-kulam.
8.	,,	M. Manivel	Dr. M. Israel	-do-	Kaikilai Padalkal.
9.	,,	S. Sethupillai.	Dr. Rm. Periakaruppan.	-do-	The rise of Tamil Novels.
10.	,,	S. Ponmani.	Dr. M. Shanmugam Piilai.	-do-	The Dramas and Drama's Techniques of 'Sankaradoss Swamigal'
11.	,,	A. Athitan.	Dr. M. Israel.	-do-	Grammar of Tolkappiam and Patinenkilkkanakku language—A Comparative Study.
12.	,,	C. Mohan.	Dr. D. Andiappan.	-do-	New trends in Tamil Novels.
13.	,,	M. Tirumalai.	Dr. Rm. Periakaruppan.	-do-	Novels of Jeyakantan and Takazhi - A Comparative Study.
14.	Selvi	S. Michael Sarojini Bai	-do-	-do-	

4. Details of Seminars, Orientation Courses, Summer Institutes and Conferences conducted by the Department during the Calendar year :-

1. Thursday Seminars - held at (i) Lady Doak College, Madurai.
(ii) Thiagarajar College, Madurai.
2. Seminar on N. Pichamoorthy's Free Verses, Mu. Va. Arangu, Madurai-University.
3. Tamil Research Scholars' Seminar, on the Wednesdays.
4. Tamil P.G. Students Seminar, on Fridays.

5. Conferences, Seminars etc., attended by the Teachers during the year.

Name of the Teacher 1	Name of the Conference / Seminar attended, place 2	Duration of the Conference 3	Topic of papers presented. 4
1. Dr.M. Shanmugam Pillai.	(i) All India University Tamil Teachers' Conference, Nagercoil	Three days	
	(ii) All India conference of the Dravidian Linguistics Association, Cochin, June, 1975.	Two days.	
	(iii) Seminar on N. Pichamoorthi's Free Verses. Madurai University Madurai, October, 1975.	One day.	
2. Dr. M. Israel	1, Seminar on Modern Literature, CLS-Madras, January	Two days	Cast Variations in Tamil Novels.

1		2	3	4
2.	Dr. M. Israel.	1. Seminar on Modern Literature, CLS - Madras, January, 1975.	Two days	Cast Variations in Tamil Novels.
		2. All India University Tamil Teachers Conference Nagercoil, June, 1975.	Three days	
		3. All India Conference of Dravidian Linguistics Association, June, 1975.	Two days	
		4. Thursday Seminar, Madurai University.	28-8-75	Itaicol or Ayvu
3.	Dr. Rm. Periakaruppan.	1. Thursday Seminar, Madurai University, Madurai.	4-9-75	Canka Ilakkiyattil Talaimakan kurru.
		2. Seminar on Commentators, Madras University, Madras.	21-1-75	Perasiriar
		3. Seminar on Tamil Traditional poetry, PSG Arts College, Coimbatore.	22-3-75	Tarkalattamil illakkiyam pulappatuttum Camutaya unarvu Marapukkavitaikal.
4.	Dr. G. Vijayavenugopal.	1. Seminar on Dravidian Linguistics, Annamalai University. Annamalainagar.	January, 1975.	The Tamil Dialect of Pudur Dravidas of Andra Pradesh
		2. Thursday Seminar, Madurai University Madurai.	9-10-75	Aycciyar Kuravai Or Araycci.

1	2	3	4
	3. Seminar on N. Pichamoorthy's Free Verses.	27-10-75	Myth and Archetypal approch to N. Pichamoothy's Free Verses
	4. Seminar on- Semester System, Lady Doak College Madurai.	September, 1975	Being a P. G. Student
	5. Summer Course in Epigraphy and Archaeology, Conducted by the Dept. of Archaeology, Govt. of Tamilnadu, Madras.	June, 1975	
5. Thiru. J.Neethivanan.	1. Thursday Seminar Madurai University, Madurai.	January, 1975.	Tolkappiyam and-Dialectology
6. Thiru C.Kanagasabapathy	1. Seminar on Modern Tamil Literature, PSG College, Coimbatore.	March, 1975.	Social Consciousness in Tamil-New Poetry
	2. Seminar on N. Pichamoorthy's Free Verses, Madurai-University.	27-10-75	Thematic Veriations in Pichamoorthy's New Poetry.
3. Dr. D. Andiappapillai	1. Thursday Seminar Madurai University	17-7-75	Iru povaiyil oru parvai
8. Thiru T. Natarajan,	1. All India Tamil-Teachers' Conference, Nagercoil, June, 1975.	Three days	———

1	2	3	4
9. Thiru N. Nava-neethakrishnan	All India Tamil-Teachers' Conference, Nagercoil, June, 1975.	Three days	Kovalan nencil Kulantai Unarvu.
10. Dr. R. Kothan-daraman.	1. Seminar on Dravidian Linguistics, Annamalai University, Annamalai-nagar.		
	2. Thursday Seminar Madurai University.	7-8-75	Peyarencu Kilavi
11. Tmty. V. Saras-wathi.	1. G.L.C.A. Seminar, Madurai University, Madurai.	January, 1975.	Rituals & beliefs as reflected in Folk-Songs.
	2. Seminar on N. Pichamoorthy's Free Verses.	27-10-75	Folk - motif in N. Pichamooathy's Free Verses.
12. Thiru. S. Venka-taraman	1. Thursday Seminar, Madurai University.	31-7-75	Akilan Navalkalil iyal talaippu.
	2. Seminar on N. Pichaimoorthy's Free Verses.	27-10-75	Tradition in N. Pichamoorthy's Free Verses.
13. Thiru M. Rama-swamy.	1. All India University Tamil Teacher's Confer-ence, Nagarcoil.	June, 1975	
	2. Seminar on N. Picha-moorthy's Free Verses.	27-10-75	Vellivilakkavitai
	3. Thursday Seminar, Madurai University.	31-10-75	The Status of the Masters of Leather Pappet Show.
14. Selvi. A. Shantha	1. All India University Tamil Teachers' Confer-ence, Nagercoil,	June, 1975.	

II. — Research :

Dr. M. Shanmugam Pillai
Head of the Department of Tamil.

1. Research works published :

    1. Tamil nātaka varāṟṟil mummuṇait tiruppam - In second Tamilicai Conference Volume Madurai, 1975.

    2. Tolkāppiar theory of Articulatory phonetics in Annual conference of Dravidian Association, Cochin, 1975.

    3. A Tamil Reader for Beginners - Part I Second Edition.

2. Research works under print :

    1. Kuruntokai - English translation

    2. A theory of Tamil novels in Geometrical figures - Father St. Xavier Taninayagam 61st Birthday, Commemoration Volume.

    3. Sababathy nātakattil nakaiccuvai in Vaiyai II Voleme

    4. Akilan ciṟukataikaḷil kuḻantaikkātal - In Akilan Seminar papers volume.

Editing books :

    1. Akilan karuttaranka kaṭṭuraikaḷ

    2. nāṭaka kalain varalāṟu

    3. Vaiayi III volume

    4. Mu. va. ninaivu malar

3.
    1. tolkāppiyar Kūṟum Kuṟṟuyirkaḷ.

    2. nencil oru mul

    3. Kōvalan-Kaṇṇaki katai

    4. rāmāyaṇak katai

4. No. of teaching houis per week. - 7

M. A. Tamil	- 3
Linguistics	- 2
AIIS	- 2

5. Extra curricular activities :

1. Convener - Thursday seminar
2. Director - Course on Methodology of Research - Dec. 75.
3. Warden - Madurai University Men's Hostel, 75-76.

Dr. M. Israel.

a) Research Works Published :

1. Vinaiyacai peyarkaḷ
2. Review of the book 'The Grammar of Akanānūṟu' By. S. V. Subramanyam.

b) Research Works under print :

1. ikkāla ilakkiyattil ina-vakuppu kūṟukaḷin tākkam.
2. iṭaiccol ōr āaivu
3. Auxiliary Verbs in Kuiee.
4. The contribution of LVR to the Dravidian languages other than Malayalam.
5. Tolkāppiyar's concept of Morphology.

c) Research Works under progress :

1. A Grammar and Dictionary of Kuvi language.
2. peyarinākia tokai
3. Iraṭcaṉya yāttirakam - ilakkiya pārvai.
4. tirāviṭa molikaḷin oppilakkaṇam.
5. Dr. Mu. Va. ilakkaṇa aṟinar.
6. Common Characteristics of Kuvi - Kui - Kubi aud groups of languages.
7. Dialects of Jeyakantan novels.
8. uṉtu ennum itaiccol.

Dr. Rm. Periakaruppan, (Reader in Tamil) :

a. **Research Works Published :—**

1. Atikalin Arasa Ullam	—	Vaiyai II Madurai University.
2. Camparison of Cankam Literature-Literary Theories	—	A Book on Comparative Literature-Cankam Age. Vol. I
3. Piroi Tozhum Pengal	—	Compilation of Folk - Songs with a critical introduction.

b. **Research Work under Print :**

1. Ayviyal Arimukam	—	A Book on Research Methodology (with the Co - operation of the Dr. M. S. Lakshmanan, Economics Department, Madurai University.)
2. Comparison of Cankam Literature-Literary Genres	—	A Book on Comparative Literature - Cankam Age. Vol. II

c. **Research Work under Prograss :—**

1. A New out look on Tamil Literature	—	Modern Literary Theories applied to Tamil Literature
2. Eencuvai Ilakkiyam	—	Rasa Theory and Cuvai Kotpatu.
3. Myths and Legends in Cankam poetry.	—	Myths in Cankam Poetry.
4. Tolkappiyam - Uvamaviyal	-	A Review on old Commentaries.

d. **Hours of Teaching :**

M. A. I and II year :— 6 Hours per week.

e. **Research Guidance :**

Four full time research scholars-one teacher candidate, Convenenr in four doctoral Committees.

f. Conferences, Seminars etc., attended :

1. Thursday Seminar of Madurai University Tamil Dept. — 4-9-75
2. 'Perasiriar' - Seminar on Commentators by Madras University — 21-1-75
3. Social spirit in Modern Tamil literature - Conventional Poetry — 22-3-75
   P.S.G. Arts College Coimbatore.

g. Radio talks :

On Perunkathai, in May 1975.

Presided over a symposium on Sangam Poetry — 26-6-75

Dr. G. Vijayavenugopal :

a. Research works published :

1. The Tamil dialect of Pudūr Drāvidas of Andhra Pradesh proceedings of the Seminar on Dravidian Linguistics, Annamalai University, Annamalainagar, 1975.
2. Tanjai Nāyakkarkaḷ Valarth icai

b. Research works under print :

1. Symbolism in Pāvai Vilakku-proceedings of the seminar on Akilan's Works, Madurai University, 1975.
2. Tolkappiyamum Kunacakararuraiyum - Vaiyai Vol III Madurai University, Madurai-1975.
3. Āycciyar Kuravi - ōr Ārāycci – Vaiyai Vol V Madurai University,
4. N. Pichamoorthy Kavitaikal ; Poḷampāṇi Aṇukalmurai proceedings of the seminar on N. Pichamoorthi's Free verses

c. Research works under progress :

Books :

1. Tamil Grammatical Theories and linguistic theories
2. Tamiḻil tokai-c-corkaḷ - Oru mārriḻakkaṇappārvai
3. Kukai-k-kalveṭṭukkaḷil tamiḻ moḻi amaippu

Articles :

1. Krsna cult in Tamilnadu
2. Mu. Va. as a Moralist
3. Dramatic traditions of south India

Thiru J. Neethivanan :

a. Under print :

1. 'Molinataiyum pinpulamum' in Akilan seminar papers.
2. 'Tolkappiam and Dialectology': Vaiyai.

b. Published :

1. 'Linguistic distribution and language prolems in India' - GLCA-seminor on S. I. culture - (cyclostlyled.)

c. Under progress :

1. 'Dialect usages in Kanesalingam's novel'.
2. ,Dialectology - An Intorduction' - in Tamil.
3. 'Artistes in Mv. Va's novels'.
4. Style in Jeyakantan's short stories.

Thiru G. Kanakasabapathy.

I. Published :

'Studied in the construction of Tamil New Poetry'- All India University Tamil Teachers Conference held in Nagercoil.

II. Conferences :

1. 'Social consciousness in Tamil New Poetry' - Seminar on Modern Tamil Literature held in P. S. G. College, Coimbotore.
2. 'Thematic variations in Pichamoorthy's new poetry'- Seminar on Pichamoorthy's poems held in Madurai University.

III. **Under Print:**

'Pronominal usage in Tirukkural's Kamathupal'-Thursday Seminar held in Madurai University.

IV. **Under Progress:**

1. Five major trends in Modern Tamil poetry.
2. Method of criticism of Dr. M. Varadarajan.

Dr. D. Andiappa Pillai

Research activities:

a. **Research works published during the year:**

1. icai aaraaycci.
2. Mullaippuukkal.

b. **Research works under print:**

1. Kuuttar tamil.
2. Paavai Noonpu.

c. **Research works under progress:**

1. Uvama iyal-critical study. Combined work with Dr. Rm. Periyakaruppan.
2. Critical study. Morphophonemic rules in ancient grammar. Collabration with Prof. Dr. Shanmugam Pillai.
3. Preparing article to present in the Mu. Va. Seminar.

Thiru T. Natarajan,

1. **Research work:**

a. **Research papers published:**

1. Aka Akal Enpatu Ennum Itaiccorkal - All India Tamil Teachers Conference Vol. VI. 1973.

2 Itaiccorkal Ellum Torumum-Vaiyai Vol. I
Department of Tamil, Madurai University.

3. Akilan Ciru Kataikalil Talaippukkal or Parvai-Akilan seminar papers
Dept. of Tamil, Madurai University.

4. 'Casika Ilakkiyattil Inmai Ceppal' Vaiyai Vol III Dept. of Tamil, Madurai University.

b. Research work in progress :

1. 'The Language of Sangam Literature and Tolkappiyam-Ph. D. Thesis nearing completion
2. Preparing a book on 'Itaiccol'
3. Preparing a book on 'Old Cave Inscriptions'
4. Edition of 'Folk tale' (Kulasekarat tampiran Katai)

Thiru M. Navaneethakrishnan

1. Research work published during the year :

1. Dr. Mu. Va. Reminiscence
Dr. Mu. Va. Published by I. A. T. R. Madras
2. Kovalan Nenchil Kulanthai Unarvu
7th A. I. T. T. Conference Vol. 1975

2. Research work under print : Dr. Mu. Va. – Kadithangal (Vaiyai)

2. Research work under progress : 'Arriypadai Literature'

Dr. R. Kothandaraman

Research Activities :

1) Research Works Published during the year :

a) Vina : kkal (Pulamai. Vol. I. Pt. 2)

b) Vocatives in Tamil (Proceedings of the All India University Tamil Teachers' Conference-1975.

c) Understanding Culture - A linguistic Approach - (G. L. C. A. Lecture Series)

d) Ceytu Va : ypa : ttu Vinaikal (Vaiyai Vol. 2. Madurai University Publication)

e) Finite Verbs in Tamil - Some preliminary observations (proceedings of the Seminar on Dravidian linguistics, Annamalai University, 1975)

2) **Research work under Print** :

a) Vinaippakutikalum ka : la itainilaiyum.

b) Viya : lakkilamai

c) ma : ttu in Future Negation

d) Pakutipporul Vikutikal

3) **Research Works under Progress** :

a) peyarencu kilavi

b) a : ven Vina : (Yes/No type question)

c) ummaikkilavi

d) Ve : rrumai urupukal

e) Theory of Tamil Verb

f) Theory of gemination

g) Theory of Deletion.

Mrs. V. Saraswathi

A. **Research papers published** :-

1. Rameswaram in Lullabies - Rameswaram temple Kumbabishekam Souvenir, 1975.

2. Agentive nouns — A transformational grammar approach — Dissertation submitted in the Dept. of Linguistics, Madurai University, 1975.

3. Rituals and customs as reflected in Folk lore - Collected papers on - South Indian Culture - G. L. C. A. Programme, Madurai University, 1975.

B. Under print :

1. Concept of religion in Folk songs - Vaiyai III Volume Madurai University.
2. Unique features of dirges - to be published in the proceedings of Indian Universities Tamil Teachers' 8th Conference.
3. Folk lore features in Pichamoorthy's new poetry.
4. Gandhiyan thoughts in Kayalvili — Collected papers on Akilan's Works

C. Under progress :

1. Medicine in Folk Songs.
2. Consumed articles and Cultural life as reflected in Folk Songs.
3. Keen observation of Mu. Va. — (in his novels)
4. Studies in the Tanjore dialects in the novels of T. Janakiraman.
5. Idioms and and phrases in Tamil

Thiru S. Venkataraman

a) Research Works Published:
Articles:

1. Akilan Cirukataikalil manitanin Pulamai - January 1975 (Madras)
2. Jeyakantan cirukataikalil manitanin Pulamai - April, 1975 (Madras)
3. Akilan cirukataikalil pin nokku - in All India University Tamil Teachers' Seventh Conference Volume, June 1975 (Nagercoil)
4. Akilan cirukataikalil manitan - Republished in Tamilmalar 10th June 1975 (Malaysia)
5. Panjabi Kataikal - Review - Deepam, March, 1975 (Madras)
6. Irupatam norrantuttamil ilakkiam - Review in Tamil Uravu, February, 1975 (Madras)
7. Paciyum ruciyum - Review in Tamiluravu March, 1975 (Madras)
8. Akilan Cirukataikalil maranam in Paralkal - published by Tamil Researchers' Association, October, 1975.

b) Research Works under print :

Books :

1. Mu. Va. aaivatankal-(Annotated Bibiliography for the works of Mu. Va.) Published by the Dept. of Tamil, Madurai University.

2. Mu. Va. ninaivu malar - Joint editor with Prof. Dr. M. Shanmugam Pillai. Published by the Dept. of Tamil Madurai University.

Articles :-

1. Akilan Cirukataikalin tanittanmaika l - in Akilan Seminar Paper-Volume
2. Akilan Cirukataikalil Katal - In Vaiyai III Volume.
3. verottam navalil camutayanokku - in All India University Tamil Teachers' English Conference (Mysore)
4. Akilan navalkalil iyal talaippu - in Vaiyai V Volume.
5. Pitchamoorthy Kavitaikalil marapu.

c) Research Works under progress :

1. Short Stories of Akilan - A study Thesis for Ph. D. Degree. (nearing Completion)
2. Mu. Va. and Tagore - A Comparative Study To be presented in Mu. Va. Seminar January, 1975.
3. Dialectology in Jeyakantan novels. — A combined work with Dr. M. Israel.

Thiru M. Ramaswamy.

a) Research Work Published:

1. Pattappeyarkal Oru Parvai - paper published in 'Paralkal' a - research journal published by Research Scholars' Association, Madura University.

b) Research work under Print:

1. "Kayalvizhi Varalarru Navalil Akilanin Vazhiviyal Parvai" - to be published in Akilan Seminar Paper by the Dept. of Tamil, Madurai University.

2. "Kala Ayvil Or Araicci manavanin Anubavangalum Velippadukalum' to be published in Vaigai III, a journal by the Dept. of Tamil' Madurai University.

3. "Pandian Nagaril Oru Parithapam" - to be published in All India-University Tamil Teachers' Eighth Conference Volume, Mysore.

4. "Thorppavai Nizharkoothin Nilai" - to be published in Vaigai V.

5. "Sudanthirathina Vellivizhak Kavithaikal oru Surrula" - paper presented in Na. Pichamoorthy's Seminar which was conducted by the Dept. of Tamil, Madurai University.

c) **Research work under Progress** :

He has transcribed almost all the recorded materials and the process of classifying them in the light of the headings suggested is in progress.

Selvi A. Santha.

a) **Research Work Published** :

1. Dravidian movement and Journalism - (Cyclostyled)

b) **Research Works under print** :

1. akilan na : valkalil tani manitanum Samukamum - presented in the Seminar on Akilan.

2. ma : navarkalum Ceyti italkalum - Presented in the Research Circle. (Viyalavattam)

c) **Research Works under Progrees** :

1. Mu. Va. na : valkalil tani manitanum Samukamum - to be presented in the Seminar on Mu. Va.

2. Dialect Survey in Tamil Novels. (Ganesalingam - Ceylon Dialect) Project undertaken in Collaboration with Mr. Neethivanan, Lecturer in Tamil.

3. tamil va : ra italkal - to be presented in the 8th Tamil Teachers' Conference.

Other Papers:

1. Newspaper Headlines - A syntactic Approach.

Dissertation Submitted to the linguistic wing of the dept. of Tamil in partial fulfilment of the Certificate in linguistics Course.

2. tamilakattil italiyal kalvi
   - Presented in the 7th Tamil Teachers' Conference.

GREAT LAKES COLLEGE ASSOCIATION PROGRAMME

AND

AMERICAN INSTITUTE OF INDIAN STUDIES PROGRAMME

1. **STAFF :**

Name of the Professor : Professor Dr. M. Shanmugam Pillai, (Professor & Head, Dept. of Tamil)

Reader : Dr. R. Shanmugam, M.A., M.Litt., Dip. Anthrop. M.A. Lings Ph.D.

Reader in Dravidian Languages and The Foreign students Adviser, (In-charge of G.L.C.A. and A.I.I.S. Programmes and the Linguistics Wing).

Lecturers :

1. Dr. G. Vijayaveuugopal, M.A., M. Litt., Dip. in Linguistics, Dip. in Telugu. Ph.D.

2. Thiru J. Neethivanan,. M A. (Tamil), M.A. (Linguistics)

Dr. R. Kothandaraman, M.A. (Tamil), M.A. (Linguistics), Dip. in Telugu, Ph.D.

4. Tmt. V. Saraswathi, M.A.

5. Thiru D. Seenisamy, M.A.,
   (left on April, 75)

6. Selvi A. Santha, M.A.,
   (Joined on the 15th July, '74)

7. Thiru S. Thangavelu, M.A.,
   (Left on April, '75)

8. Thiru RM. Shanmugam, M.A.,
   (Left on April, '75)

2. Research Activities :

Dr. R. Shanmugam,
(Reader in Dravidian Languages)

a) Research works published during the year :

1. "Aspects of Tamil Poetry - A Linguistic Approach" – 7th All India Tamil Teachers Conference's Proceedings Nagercoil, March, 1975.

2. "Aspects of Palghat Tamil"

(A Glimpse of the dialect including the bilingual and Socio - cultural features)

5th All India Conference of Dravidian Linguistics, Cochin, June, 1975.

3. "ஒலிச் சிறப்பில் உயர்ந்த தமிழ்."
   "தென்னரசு" பொங்கல் மலர், மதுரை, 1975.

4. "அறிஞர் காட்டும் மேற்கோள்."
   "செந்தமிழ்", மதுரை தமிழ்ச் சங்க வெளியீடு, மார்ச் '75.

5. Aspects of clsssical & contemporary South Indian culture and civilisation, Vol. II, 1975 (Mimeographed) - Madurai University.

   1. "Modern Tamil - A Language in Process"
   2. "Modern Tamii - A Literature in Process"
   3. "On Dravidians"
   4. On early Civilization in South India.
   5. Contemporary westernism & South India.

b) Research Works under Print:

1. The Message of Madurai.
2. Introducing contemporary Tamil Literature to the West : "The authors & their Creations"
3. Translation in Tamil of Prof. Dr. T. P. Meenakshisundaram's "Foreign Models in Tamil Grammar (வடமொழி மரபின் படி கண்ட தமிழ் இலக்கணம்.)

c) Research Works under Progress :

1. On the phenomenon of Free Verse & free rhythm in Modern Tamil (- A Linguistic Approach)
2. பாவலர் வளர்த்த பைந்தமிழ்,
3. சித்தர் வளர்த்த செழுந்தமிழ்.
4. தமிழ் எங்கள் உயிர். (Socio-Linguistics)
5. மேலை நாட்டுப் பின்னணியில் தமிழ்ச் சிந்தனை :
   தமிழ்க்கலை — இலக்கியம் — வரலாறு
6. மொழி உலகம் (பழைய கோட்பாடுகளும் புதியபோக்கும்)
7. Art, Aesthetics & Intellect — An Indian, view

d) Hours of teaching : (Per week)

	Names	A.I.I.S.	Linguistics (Cert. + Dip)	
1.	Dr. M. Shanmugam Pillai	2	2	
2.	Dr. R. Shanmugam	4	6	(In addition, hours for Supervision of Disserta- tion & Trans lation)
3.	Dr. G. Vijayavenugopal	4	4	
4.	Dr. J. Neethivanan	2	4	
5.	Dr. R. Kothandaraman	2	4	
6.	Tmty. V. Saraswathy	2	—	
7.	Selvi. A. Shantha	2	—	

3. **Courses conducted in the Department and enrolment :**

	Men	Wom.	Total	B.C.	S.C. S.T.	Others
Part Time Courses :						
1. Cert. in Linguistics	7	6	13	9	—	—
2. Post graduate Dip. in Linguis.	5	5	10	5	—	5
3. Dip. in Tamil A. I. I. S.	2	1	3	—	—	3
4. Cert. Course in Tamil- G.L.C.A.	—	—	18	—	—	—

Sl. No.	Name of the Scholar	Name of the Supervisor	Degree for which registered	Topic of Research	Scheme under which working	Whether thesis submitted	Whether declared for the degree
1.	Thiru Kulandainathan, Prof. of Tamil, Arulanandar College, Karumathur, Madurai.	Dr. R. Shanmugam, Reader in Dravidian Languages, Madurai University, Madurai- 2	Ph. D.	An Evaluation of the works of Mayuram Veda Nayagam Pillai (1826 - 1889)	Privately working in the College	Under Progress	NIL
2.	Thiru K. Rathinam, Prof. of Tamil, Arignar Anna Govt. Arts College, Musiri, (Trichy Dt.	,,	,,	Tinai, Turai, Kuru in Agam Poems of the Sangam Age	,,	,,	,,
3.	Thiru K. Sankaran, Prof. of Tamil, M. D. T. Hindu College, Tirunelveli.	,,	,,	Thirukkovaiyar - A Linguistic Study	,,	,,	,,
4.	Thiru V. Sanmugasundaram, Prof. of Tamil, H. K. R. H. College, Uthamapalayam.	,,	,,	Episodes in Kambaramayana	,,	,,	,,
5.	Tmt. Muthammal Gowrinathan, Prof. of Tamil, Sri Meenakshi Govt. Arts College for Women, Madurai - 2.	,,	,,	A study of Paranjothi Munivar's thiruvilayadal Puranam.	,,	,,	,,

5. Details of Seminars, Summer institutes and conferences conducted by the department during the calendar year.

1. Seminars conducted by the Department:

The following seminars were conducted by the department on "Aspects of South Indian Culture and Civilization".

Sl. No.	Date	SPEAKER	TOPIC
1.	9.7.75	Dr. R. Shanmugam, Reader in Dravidian Languages and Foreign Students' Adviser	Modern Tamil - 4 Language Process
2.	22.1.75	,,	Modern Tamil — A Literature - In - Process
3.	4.2.75	,,	On Dravidians
4.	5.2.75	,,	On Early Civilization in South India."
5.	6.2.75	Thiru D. Seenisamy, Lecturer in Tamil, Madurai University	New Trend in Tamil Literature: Poetry Reading
6.	10.2.75	Selvi A. Santha, Lecturer in Tamil Madurai University.	Dravidian Movement and Journalism
7.	11.2.75	Tmt. Saraswathi, Lecturer in Tamil, Madurai University	Rituals and Customs as reflected in Folk - Lore
8.	12.2.75	Prof. Dr. M. Shanmugam Pillai, Head of the Department of Tamil and Languages, Madurai University.	Ramayana Story : Historical Development

9.	18.8.75	Mr. A. V. Jeyachandran, Hon' Director Temple Art Museum Madurai.	Iconogrophy
10.	19.2.75	-do-	Iconometrics
11.	20,2.75	Thiru K. Veeramani, General Secretray, Dravidar Kazhagam.	Self respect movement in South India with reference in Tamil Nadu.
12.	21.2.75	Mr. A. V. Jayachandran, Hon' Director, Temple Art Museum, Madurai.	Evolution of Sculptural Art in South India
13.	27.2.75	Thiru Narayanasamy, M. A., Indian Express, Madurai — 9.	The Role of Press as Mass Media in Tamilnadu

2. Dinner Talks with the topic of South Indian Culture and Civilization.

Sl. No.	Name of the Speaker	Topic
FEBRUARY, 1975.		
1.	Thiru S. Jeyaprakash, Department of Tamil, Madurai University.	An outline of the Political History of Tamilnadu
2.	Prof. C. B. Abraham, Department of Biology, American College, Madurai.	Rationalist thought in South India
3.	Prof. Mrs. Pon Dinakaran, Department of History, Lady Doak College, Madurai.	Social Reforms and Political Movements in India during the modern period

4.	Mr. Sarweswaran, M. A., Dept. of History, Madurai University.	Social structure and Democracy in India
5.	Dr. A. R. Venkataraman, Department of Chemistry, American College, Madurai,	Cross - Currents and contradictions in the Indian Development Science
6.	Mr. J. E. M. Arputnamoorthy, M. A. Dept. of Economics, American College, Madurai.	Agricultural Development and the problem of Rural Economic Development.
7.	Prof. Kulanthainathan, Dept. of Tamil, Arulanandar College, Karumathur.	Folk Music in Tamilnadu.
8.	Miss Sagirika Ganguly, Department of History, Lady Doak College, Madurai.	New value systems in Contemporary Indian Culture.

8. P.G. Students residing in the hostel : NIL

9. **Any other general information :**

I. Supervision : Indroducing contemporary Tamil Language to the West (with Tamil Translation Vol. II)

A. transformational Generative Approach to Tamil syntax.

A modest Programme : "Aspects of Tamil Syntax" - in collaboration with Dr. R. Kothandaraman.

1.	The newspaper head lines - - A syntactic approach	— Miss. A Santha
2.	Transformational analysis of negative relative clause in Telugu	— Mr. N. Bahkthavatsala Reddy
3.	Stocked nominal attributes in Tamil	— Mrs. T. M. Ponnammal
4.	Appellative verbs in Tamil	— Mr. Rm. Shanmugam
5.	Manner adverb in Tamil	— Mr. A. Rengarajan
6.	Passive in Tamil	— Miss. Rosalind Devadas
7.	Adverbial Participates in Tamil	— Miss. Lalitha Ragland
8.	Some notions on subject and Predicate in Tamil	— Mr. S. Thangavelu
9.	An integrated description of reason and resultive clauses in Tamil	— Miss A. Sundari
10.	Verbal Bases in English - some preliminary observations	— Mr. Pl. Thiagarajan
11.	A note on pronominalisation in Tamil	— Miss. Prema Josephine
12.	Agentive nouns in Tamil - A transformational analysis	— Mrs. V. Saraswathi
13.	Proforms in Tamil	— Mr. P. M. Ajmalkhan
14.	Particle movement in Tamil	— Mr. D. R. Veeramudi-Appadurai
15	Optatives in Tamil	— Mr. K. M. Chandrasekaran
16.	Complemention in Tamil	— Mr. A. M. James
17.	Aspects of classifying semantic Features in Tamil	— Miss K. R. Jalaja
18.	Verbal compounds in Tamil	— Mr. S. M. Rajendran

II. Supervision of Translation Project :

Introducing contemporary Tamil Literature to the West (thro' English)

S. No.	Name of the book	Name of the Author	Translated by
1.	''வாழ்வில் இன்பம்''	Thiru Akilan	Diploma Students in Linguistics under the guidance of Dr. R. Shanmugam
2.	''மனச்சான்று''	Dr. M. Varadarajan	,,
3.	''எள்ளல் நாடகங்கள்''	Thiru Aru. Alagappan	,,
4.	''மேடை நாடகங்கள்''	Thiru Aru. Alagappan	,,
5.	''யாருக்கும் வெட்கமில்லை''	Thiru Cho	,,
6.	''தேரோட்டி மகன்''	Thiru B. S. Ramaiah	,,
7.	''நீதிதேவன் மயக்கம்''	Dr. C. N. Annadurai	,,
8.	''கோவாடிஸ்''	Thiru Cho	,,

General information regarding each Programme separately :

1. Great Lake Colleges Association Programme :

On July 1969, this programme was initiated under the name ''Centre for Advance Tamil Studies in Madurai University'', and was sponsored by the G. L. C. A. Association consisting of more than twelve autonomous colleges located in Indian Michigan and Ohio States (U.S A). The College of Wooster, Ohio, U.S.A. serve as "agent colleges" for Indian Studies in this Association. Since June 1973 under this programme every year a large number of students visit Madurai and learn Tamil language and culture. The Madurai

University has started a Certificate Course in South Indian Culture for these students. The Course is run under the semester system. The Course consists of the following syllabus:

1. Tamil Language (both written and spoken Tamil.)

2. Research Project Cum - Field Study.

3. Some aspects of " South Indian Culture and Civilization "

Dr. R. Shanmugam, Reader in Dravidian Languages and Foreign Students' Advisor, is in-charge of this programme. Messers. J. Neethivanan, D. Seenisamy, V. Saraswathi and A. Santha are teaching Tamil language to these students.

12 students joined underwent the above course during the academic year 1974 - 75.

For the academic year 1974-75, 18 students under the G. L. C. A. Programme have come to Madurai University to join the Certificate Course in Tamil and South Indian Culture. The name of the Students and their Colleges are as follows:

Sl. No.	Name of the Students	Name of the College
1.	Baetzel, Robert C.	...
2.	Benefield, Bruce	De Pauw University
3.	Bown, Peter	Hope College
4.	Fairweather, Susan	University of California, Santa Cruz, U. S. A.
5.	Fiske, Joanna	Oberlin College

S. No.	Name of the Students	Name of the college
6.	Hampton, Donald Richard	Antioch College
7.	Libin, Fred, H.	Antioch College
8.	Laud, John	Oberlin College
9.	Mumaw, Elizabeth Ann	The College of Wooster
10.	Nichols, Theresa	De Pauw University
11.	Noble, Sally	Kalamazoo College
12.	O' Donoghue, John	University of Pennysylvania, College of Wooster
13.	Purdy, Roger	...
14.	Seaton, Ronald	The College of Wooster
15.	Schuman, Eric	Kenyon College
16.	Schuman Mark	Kenyon College
17.	Stearns, Judy	Kenyon College
18.	Tamm, Eric	The College of Wooster U. S. A.

Before the regular course, a week's orientation course was conducted for them at Kodaikanal. Mr. J. Neethivanan, Lecturer in Tamil, accompanied the students group and conducted orientation course, including Teaching Tamil (Spoken and Written). Prof. Dr. Walter Andersen, College of Wooster, and Mr. R. Rengasamy Resident Students' Counsellor also participated in this orientation course.

The following cultural and intellectual programmes were arranged to the students during their short stay at Kodaikanal.

1. A concert - cum - lecture on Karnatic Music with demonstration of Veena recital and Bharatha Natiyam was conductcd by Prof. Dr. S. Ramanathan, Principal, Satguru Sangeetha Vidyalayam. Madurai-2.

2. A lecture series on the following subjects was organised by Thiru A. V. Jeyachandran, Information officer, Tamil Nadu Tourist information centre, Madurai.

   a) " A. B. C. of Temple Art "

   b) " Temple Complex - its exotics and estoric significance"

   c) " The Temple as a cultural centre".

A special field trip to Kanyakumari was arranged to these students on 10th and 11th August 1974 to give an opportunity to the students to gain a first hand knowledge of the various visible aspects of "South Indian Culture and Civilization"

In this trip they had occasion to visit the following Cultural and Historical Centres :

1. Ettayapuram
2. Panjalam Kurichi
3. Tiruchendur
4. Nagercoil
5. Kanyakumari
6. Courtallam

Similarly another trip was arranged to Oddanchatiram and Palani on 16th and 17th November, 1974. During this trip they visited the following places of socio-cultural importance and occasion to observe the rural and cultural life of Tamils, in Tamil Nadu.

1. Oddanchatiram and near by villages to see:

   (a) Folk Traditional Rural Arts : Folk dance, Stickfight, Karagam, Kavadi, Nathaswaram, Kummi (Women), Oyil Kummi (Men), Nayyandi Melam, Tappu, Devar Pattu, Kabadi etc.

   (b) Rehabilitation of landless peasants under the Bhoodan and Sarvodaya movement.

(c) Leprosy relief work : at Christian Fellowship Hospital

(d) a Cottage Industry - Soap making

2. Palani-visit to the famous Hindu Pilgrimage centre on a hill and to the College, specialising on Indian Culture at the foot of the hill.

The Programme runs a hostel for the students who come under the G.L.C.A. Programme. Their hostel is situated at K.K. Nagar, Madurai-2 Mr. R. Rangasamy, M.A., (Lecturer in Economics, Madurai University) was the Resident Students, Councellor; South Indian Culture and Civilization Course Picnics and field trips were arranged. During festivals, and religious ceremonies arrangement is made for the students to participate and observe these activities, suitable Indian families are selected and provided for the students who want to live as guests for a short period. Adequate medical facilities are provided by the programme for the students.

A series of seminars on South Indian Culture and Civilization are being regularly arranged by the programme on Thursday evenings at the old campus and similar after dinner - talks at the G. L. C. A. Students' Hostel are also arranged. Experts from various fields are also invited to deliver on specific aspects of "South Indian Culture and civilization". The students actively participate in these seminars and benefit very much by the discussions.

2. Shastri Indo-Canadian Institute :

The Shastri-Indo-Canadian Institute (founded by Mc. Gill University, along with the national library of Canada, University of British Columbia, University of Toronto, Canada) was formally established in Nov. '68 by the joint announcement of the Government of India and Canada. The objectivives of the Institute are to enhance mutual understanding between two the countries by supporting and promoting educational and cultural relations and activities.

This year the following students have been sponsored by the institute to join the Certificate Course in Tamil and South Indian Culture, in Madurai University.

1. Mr. Stephen Robert Inglis (University of British Columbia, Canada.
2. Mr. P. Allen Froese ,,

Both of the students successfully got through the examination in Certificate in Tamii with First Class.

A. I. I. S. Programme (American Institute of Indian Studies):

The American Institute of Indian Studies is a Co-operative Organization, established in 1961 by American Colleges and Universities interested in the Study of Indian Culture and Civilization. This institute in Collaboration with Madurai University had started the Tamil Language Programme during the year 1971 for the graduate students who had attended a minimum of one year course in Tamil. The students come and study Tamil Language in its cultural setting, which will help them in specialising in their field of interest.

In this acedemic year 1974-75 there are 2 students from U. S. A. in the Diploma in Tamil Course (a 9 months programme). They are: Mr. David Francis Wightman and Miss. Lynn Marie Ate. Before they joined, an Evaluation test was conducted to evaluate their Tamil Language Proficiency.

This academic year 1975 - 76 also there are 3 students from U.S.A in the Diploma in Tamil Courses. They are Mr. Sim Andrew Kolliner, Mr. Stephen Abel and Miss. Sarah A. Snyder.

Dr. R. Shanmugam, Reader in Dravidian Languages and Foreign Students' Adviser is in-charge of this programme. Messrs Prof. Dr. M. Shanmugam Pillai, G. Vijayavenugopal, J. Neethivanan, Dr. R. Kothandaraman, Tmt. V. Saraswathi, Selvi A. Santha are teaching Tamil to these students.

Teaching Linguistics :

The Madurai University conducts courses in Certificate in Linguistic with four papers including a dissertation on the description of a Language (Paper - I Phonetics and Phonemics, Paper II, Morphology, Paper III Symtax Theories); Paper IV Description of a language) and a course in diploma in Linguistics with four papers including a dissertarion on a Bilingual contrastive Lingustics problem basing on the Translation of a work from Tamil to English(Paper I - Historical Linguistics, Paper II Comparative Methods and Comparative Dravidian; Paper III Contrastive Linguistics and Bilingualism; Paper IV—A field Method Course on Description of an uncultivated language)

The students who underwent the Certificate Course in Linguistics during the year 1974-75 prepared dissertation both in English and Tamil on "Aspects of Tamil Syntax" and submitted to the University (for external valuation).

During the academic year 1974-75, there are 20 students undergoing the Certificate in Linguistics and 8 students undergoing the Diploma in Linguistics.

The students of the Diploma in Linguistics prepared a dissertation under the guidance of Thiru J. Neethivanan, on the 'Field Methods' Course on the Gounder Kannada Language' which the students have not studied or analysed so far. They prepared in this course a short grammar for that language. Tmt. R. Manonmani, a Kannada speaker, acted as informant for the students.

The students who are undergoing the Certificate Course in Linguistics during the year 1474-'75, prepared dissertations both in English and Tamil on "Aspects of Tamil Syntax" under the supervision and guidance of Dr. R. Shanmugam and Dr. R. Kothandaraman and submitted to the University (for external Valuation).

The department secured the following results during the year 1974-75:

I Certificate Course in Linguistics:

Examination-March 1975.

Appeared	Passed	I Class	II Class	III Class
19	18	11	7	

II Diploma Course in Linguistics:

Examination-March, 1975.

Appeared	Passed	I Class	II Class	III Class
8	7	3	4	

TIRUKKURAL CHAIR RESEARCH WING

1. Staff:

a) Name of the Department :	Thirukkural Research Department
b) Name of the Head of the Department :	Reader: Dr. T. Murugarathanam, B. A. (Hons.), M.Litt., Ph. D Diploma in Lingusitics, Diploma in Anthropology.
c) Name of the other Staff with their qualifications :	Lecturer: 1. Selvi Kamatchy Srinivasan, M. A. M., Litt., Diploma in Lingusitics. Research Assistant : 2. Selvi K. R. Jalaja, M. A.,

2. Research Activities:

1) Dr. T. Murugarathanam:

a) Research works published during the year
Paper I - Valvil Ori and his Kolli Hills.

b) Research work under print:
A critical study of the Short Stories of Putumaippittan" - Book.

c) Research works under progress:
The Inter-Relation of Political Ideas of Tiruvalluvar with the Political Thinking of Sangam Age.

2. Selvi Kamatchy Srinivasan:

a) Research work under Print:
Society as depicted in Kural.

b) Research work under progress:
Religion of Tiruvalluvar

3. Selvi K. R. Jalaja :

a) Research work under progress :
Collection of materials for the Project,

"The Inter Relation of the Political Ideas of Tiruvalluvar with the Political Thinking of Sangam Age."

3. Research Scholars :

Name of the Scholars:	1. Prof. K. Palaniswamy,
	2. Prof. A. Iyemperumal.
Name of the Supervisor:	Dr. T. Murugarathanam.
Degree for which registered:	Ph. D.
Topic of Research:	1. "Historical Ballads in Tamil" (for Prof. K. Palanisamy)
	2. "Jainisam in Tamil Literature" (for Prof. A. Iyemperumal)

4. General information:

Arrangements for a Seminar on the Trivarga Literature in South Indian Languages with reference to Tirukkural are being made.

Selvi Kamatchy Srinivasan, Lecturer, has published a poem "காணாத ஓவியம்" in the Tamil journal 'Kalaimagal' in September 1975.

DEPARTMENT OF LANGUAGES

KANNADA

1. **Staff :**

   Dr. P.S. SRINIVASA M.A., Ph.D.
   Reader in Kannada

2. **Research activities :**

   a. **Research works under print :**

   1. A chapter on contemporary South Indian Literature in the sixth volume of Samagra Kannada sahitya charitra' (A comprehensive history of Kannada literature) an undertaking of the centre for the Kannada studies, Bangalore University.

   2. Trivarga literature in Kannada and Tirukkural: a paper submitted to the Tirukkural research Department in connection with the Seminar on Trivarga literature in South Indian languages and Tirukkural''

   b. **Research works under progress :**

   1. Translation of Tirukkural into Kannada with word to word meaning and explanatory notes—1250 verses are completed. (250 verses are completed during this year) 2. Compilation of a bilingual Tamil Kannada Dictionary with 15,000 words.

   2. **Extra curricular activities :**

   Delivered a lecture on the contributions of Purandara dasa to Kannad Literature" at the meeting of Karnataka sangha Madurai in February 1975

3. **Courses conducted in the department and enrolment:**

Part-time course:	Men	women	total
Certificate in Kannada	—	—	—
Diploma in Kannada	1	—	1

4. **Research scholars** :

Name of the scholar	Name of the Supervisor	Degree for which registered	Topic of research	Scheme under which working	Works published	Whether thesis submitted
Thiru V.N. Bhat	Dr. P.S. Srinivasa	Ph.D.	A study of sixteenth century Kannada Literature.	Madurai University stipendiary	nil	nil

Research scholar Thiru V.N. Bhat has prepared a paper on "Halakkigowdas in North Kanara District" and it is being communicated for its publication.

MALAYALAM

1. Staff : Dr. C. J. ROY, M.A (Mala) M.A. (Lingu) Ph.D.,
Director of Malayalam

2. Research activities :
A survey of the language of the Palliyas has been undertaken with financial assistance from the U. G. C. under its scheme for advanced research. The work is in progress.

3. **Teaching** :

a. New teaching materials based on Modern principles of Applied Linguistics to suit the requirements of educated adults interested in learning Malayalam has been prepared and is being experimented with students of the Certificate and Diploma courses

b. Courses conducted and enrolment :

Part-time Courses:	Men	Women	Total
Certificate in Malayalam	4	—	4
Diploma in Malayalam	2	—	2

4. **Translation :**

1. The Director has translated in English a popular novel in Malavalam "Premalakhanam"
2. The Director has completed the translations of Poruladhikaram in Tolkappiam and Kamathupal in Thirukkural into Malayalam.

   Both are ready for publication.

5. **Research guidance :**

The Director has been guiding the research of Selvi K.V. Kanakamma, stipendiary research scholar who joined the Department in December 1973 and who has registered for Ph D. on the topic Message poems in Tamil and Malayalam. Another student Thiru K. Balakrishnan Adiyodi has joined the Department as non-stipendiary research scholar.

6. Compilation of text Books :

As authorised by the Board of studies in Malayalam and approved by the University, the Director has compiled 1) A selections in Malayalam poetry and 2) A selections in prose with biographical notes to be prescribed as text book in B.A./B.Sc Part I Malayalam. Arrangements are being made by the university for publication of the same.

7. **Special Lectures :**

The following special lectures were given during the year:

Topic of Lectures :	Place:
1. Comman links in Tamil and Malayalam	Malayali Samajam, Madurai.
2. Language within language	Lions Club, Madurai.
3. New methods in language teaching	Y.W.C.A. Teachers' Association, Madurai.

8. Publication :

Two papers and two reviews were published during the year.

9. Seminar :

The Director of Malayalam attended the seminar on Language Planning conducted by the Central Institute of Indian Languages, Mysore in June, 1975.

10. Other information :

The Director attended the summer Institute in Applied Linguistics, held by the University Grants Commission at Mysore.

SANSKRIT

Staff:

Reader: Dr. G. Sundaramoorthy, M.A., Ph.D. (on lien abroad)

Name of the research scholar.	Name of the supervisor	Degree for which registered	Topic for research	Scheme under which working
C.R. Anantharaman	Dr. T.B. Siddalingaiah	Ph.D.	Appaya Diskhita's contribution to Advaida philosophy	Madurai University Stipendiary studentship

TELUGU

1. Staff:

Professor: Dr. T. Kodandaramaiah, M.A., Ph.D.,

2. Research activities :

In English

1.	Telugu poets of Madura and Tanjore	: Monograph published in connection with the World Telugu Conference at Hyderabad in April 1975.
2.	Beginnings of Telugu Literature	: Paper published in the Telugu Vāṅi, Special Mumber in English brought out in connection with the World Telugu conference at Hyderabad in April 1975.
3.	Ramēswaram in Telugu Literature	: Paper published in the Special Number brought out by the Rāmanādha Swāmi Dēvasthanam, Ramēswaram - on the occasion of Mahasamprokshanam in May 1975.

In Telugu

1.	Telugu Marugulu	: Bharathi
2.	Introduction to the second Edition of Pānditāradhya caritra by Palkurigi Sōmanadha	: Pub: by Andhra Grandha mala, Andhra Pathrika, Vijayawada, February 1975.
3.	Prangnannaya Racanalu	: Paper published in Telugu Vāṇi, Special Number in Telugu brought out in connection with the World Telugu conference, Hyderabad in April 1975.
4.	Ramakrishnuni kaḷāparishkāramu	: Pub: in the Silver Jublilee Special Number of the Andhra Vignana samithi of the Sri Theagaraya College, Madras in April 1975.
5.	Manavallikavi Racanalu	: Bharathi, May 1975.
6.	Tamilasahityamu - Telugu Prastāvana (Reference to Andhras in Tamil Literature)	: Pub. in 'Telugu Velugu' a special number in Telugu : and English brought out in connection with the World Telugu conference at Madras. May, 1975.

In English :

b) Research works under Print :

1. Book Review on Thallapakakavalu - Vividha Sahiti Prakriyalu : Communicated to 'Andhra Pradesh', Hyderabad.

In Telugu :

1. Basavapuranamu - Desit - Itivrittamu : Communicated to Bharati for Publication.
2. Saptasamtāna concept in Telugu : " S.V.U. Oriental Research Institute Journal.
3. Book Review on Jānapada kaḷāsampada : " Bharathi.

(c) Research works under Progress:

1. Translation of Thirukkural into Telugu (A common Project undertaken by the Departments of Telugu Kanada and Malayalam.)
2. Commentary of Nannecoda's Kumarasambhavam.
3. Sri Venkateswara English - Telugu Dictionary for the Telugu Akademi, Hyderabad. (Permission to undertake the work has been granted by the University)
4. Telugu translation of 'History of Tamil Literature' by Dr. M. Varadarajan for the Sahitya Akademy, New Delhi (Permission to undertake the work has been granted by the University).
5. Kambaramayanamlo rasavattara Ghattālu (Highlights in Kambaramayanam) : Talk on A.I.R. Vijayawada to be broadcasted in Dec. 1975.

6. Trivarga Literature in Telugu. : Paper to be persented at the seminar on Trivarga Literature in South Indian Languages to be held under the auspices of the Thirukkural chair, Madurai University.

7. Telugu poetry since Independence : Paper to be presented at the Seminar on Dravidic studies organised by the Department of Tamil, Madurai University.

3. **Courses conducted in the Department and enrolment :**

	Men	Women	Total
Certificate course in Telugu (Part-time)	4	—	4

4. **Research scholars :**

Name of the Research scholar.	Name of the supervisor	Degree for which Registered	Topic of research	Scheme under which working
Thiru. N. Bhakthavatsala Reddy	Dr. T. Kodanda-ramaiah.	Ph. D.	A study of Post-independence poetry in Telugu.	Madurai University Stipendiary student-ship.

FRENCH

1. **Staff** :

a) Name of the Head of the Department : Sister Therese Marie.

b) Name of other staff with their qualification :

1. Mrs. Rajeswari Chandrasekar, M.A.
2. Mr. Ganesan, M.A. (upto 29th October 1975)

2. **Research Activities :**

A) Sister Therese Marie

a) Research work on the Meenakshi Temple under progress.

3. **Courses conducted by the Department :**

P. G. Courses :

4. **French:**	Men	Women	Total	B.C	'S.C., S.T.	Others
I Year	No admission was made					
II Year	1	3	4	1	—	3
Certificate in French	31	2	33	13	1	19
Diploma in French	12	3	15	10	1	4

RUSSIAN

1. **Staff**:

Valery Pokrovov, Lecturer in Russian.

Mr. Valery Pokrovov, is assigned as Lecturer to this university under the Indo - USSR Cultural Exchange Programme.

2 **Activities**:

As usual the Certificate Course in Russian and the Diploma course in Russian are conducted.

a. Certificate course in Russian : 4

b. Diploma Course in Russian : 2

DEPARTMENT OF ENGLISH

1. Staff :

a. Name of the Professor & Head of the Department :

Dr. V. Sachithanandan M.A., M.Litt, Ph.D.

b. Names of other staff with their qualifications :

S. No.	Name and qualifications	Designation
1.	Thiru. N. Subramanian M.A., M.A., (Calif)	Reader in English
2.	Thiru K. Chellappan, M.A., D.T. E., (Manch)	Special Officer for English
3.	Mrs. Rosy Vishwanathan M.A., D.T.E. (CIE), B.Phil (York)	Lecturer in English
4.	Mrs. Helen Sundara, M.A.	Lecturer in English
5.	Mr. A. Francis Lawrence, M.A.	Lecturer in English

2. Research Activities:

1. Dr. V. Sachithanandan
   Professor of English

a. Research works published during the year:

1. **Leaves of Grass** and the Quest of the Self", **Indian Journal of Engilsh studies,** 1975, pp. 47 - 53.
2. "Two artist - novels in English in Tamil", International Conference of Comparative Literature, Taipei, August, 1975.

b. Research works under print :

1. Essays on Comparative Literature, in Tamil.

c. Research works under progress.

A dictionary of Literature terms in Tamil.

2. Mr. N. Subramanian
(Reader in English)

a. **Research works published during the year:**

"Robert Frost's 'Stopping by woods on a Snowy Evening': a Re-reading." Madurai College Journal, February 1975.

b. **Research works under print.**

1. Some Insights into Robert Frost and his Bird Theme" - article reader - being sent for publication.

3. Mr K. Chellappan
(Special officer for English)

a. **Research works published during the year:**

Read a paper on **Selection and Grading of Teaching items in a Text-book in English at the Pre-University Level** in the conference on Materials Production CIEF, Hyderaban, February, 1975.

b. **Research works under print:**

1. **"The Western Breeze: a study of Western Themes in Tamil Literature** - accepted for publication in the Souvenir, World Tamil culture seminar, New Delhi.

2. **Thiru Vi Ka and Wordsworth - a comparative study** paper read at the Seminar organised by Tamil Department, Madurai University and to be published in their publication, **Vaigai.**

4. Mrs. R. Vishwanathan
(Lecturer in English)

a. Research works under progress: Ph D. thesis.

5. Mrs. Helen Sundara Rathinam:

a. **Research works published during year :**

The American Teanscendentailism :
A Revaluation.

3. **Courses conducted in the Department and enrolment :**

	Men	Women	Total	B.C.	S.C S.T/	Others
P. G. Course :						
I Year M.A.	7	12	19	13	1	5
II Year M.A.	8	7	15	10	Nil	5

4. **Research scholars :** For details see the page No. 266

5. **Distinguished Visitors to the Department during the year:**

Name of Visitor	Designation and Address	Date of Arrival and Period of stay	Topic of lectures delivered if any
Dr. Reid Huntley	Visiting Prof. U. S. E. F. I. American Consulate Building, Madras.	29-10-75 2 days	Delivered lectures on Heminghway, Emily Dickinson, Walt Whitman and Emerson.
Dr. (Mrs) Nalini V. Shettey.	Regional Officer U. S. E. F. I., American Consulate Building, Madras.	13-11-1975 3 days	

6. **Details of Seminars, Orientation Courses, Summer Institutes and Conferences conducted by the department during the calendar year :**

All-India English Teachers' Conference was conducted by the department of English on December 28th, 29th and 30th of the year 1975. The conference attracted more than 350 delegates from all over India and the United States of America and Britain.

7. **P. G. Students residing in the hostel:**

		Men	Women
M. A.	I Year	4	10
	II Year	5	7

No. of S. C./S. T. students residing in the hostel : 1

A brief history

The Department of English was established in 1967 with the idea of improving standards of teaching at Pre-Univeisity level. In 1969 it upgraded when the M. A. English course was opened and in 1970 it was allowed to take research students.

The first Head of the Department of English was Mr. J. Hobbs, an Educational Officer in the service of the British Council, who, with his experiences of teaching English at high school, was mainly responsible for reorganising the Pre-University syllabus and examination on ELT pattern. Since it was a drastic change for which the teachers of colleges affiliated to the Madurai University were not prepared, Summer Institutes had to be organised to train them in ELT Methodology of the teaching. Three Summer Institutes were run during Mr. Hobb's stewardship of the department. Fourth Summer Institute was organised to train the Degree teachers.

When the M. A. English course was opened in the Department in 1969, it was felt that a seminar should be organised to discuss and recommend changes in syllabus and examinations because of the new role of English in free India. Sponsored by UGC a seminar was conducted in the summer of 1970. Senior Teachers from the universities in the four southern states attended it. In July 1971 the Department opted for the Semester system which has now been extended to two colleges in the city of Madurai and some other colleges affiliated to the Madurai University.

Research was formally introduced in the Department in 1970. Areas covered by research are English and American Literature, Comparative Literature and Indian Writing in English. One Research Scholar has left the department with a M. Litt. Of the full-time and part-time research workers now working, two received their Ph. D. recently. Another has submitted his

doctoral dissertation and two other M. Litt. theses. 3 members of the staff have registered for Ph. D. One staff member has joined the New York University for his Ph. D. programme and he is expected to rejoin the Department in 1976.

In May 1974 the Department conducted an Intensive Course in the Methodology of Research for the teachers who have registered for Ph. D.

4. RESEARCH SCHOLARS

Name of the Scholar	Name of the Supervisor	Degree for which Registered	Scheme under which working	Works Published	Whether thesis Submitted	Topic of Research	Whether declared for the degree
1. Mr.N. Subramanian	Dr. V. Sachithanandan	Ph.D.	Part-time	...	Yes	Frost and Bharati : A Comparative study	
2. Mr. K. S. Ramamurti	-do-	Ph. D.	-do-	...	Yes	The Rise of the Indian Novel in English	Yes
3. Mr. Vaithimanithi	-do-	Ph. D.	-do-	...	No	The Development of the Mind and Art of R.K. Narayanan as a writer of English	
4. Selvi A. Vasanatha	-do-	Ph. D.	non-stipendiary	...	No	Indian Fiction in English Since Independeance.	
5. Selvi S. Jeevanagarathinam	-do-	M. Litt	University Stipendiary	...	Yes	The Orient in Somerset Maugham's Fiction.	
6. Selvi P. Geetha	-do-	M. Litt	-do-	...	No	Kamala Markandaya as a Novelist.	
7. Mr. A. V.Ashok	-do-	M. Litt	-do-	...	Yes	A Critical Study of the Novels of Aldous Huxley	(Registered for Ph.D.)
8, Mrs. Helen Sunadara Rathinam	-do-	Ph.D.	Part-time	...	No	The American Transcendentalism: A Revaluation	
9. Mr. L. R. Lakshminarayanan	-do-	Ph. D.	University Stipendiary	...	No	F.R. Leavis As Critic	

DEPARTMENT OF ECONOMICS

1. Staff :

Dr. D. Bright Singh	M.A., Ph.D.,	Now on lien as Full - time Member in State Planning Commission, Tamil nadu.
Miss. M. Gajalakshmi	M.A., M. Litt.	Professor-in-charge.
Dr. N. Srinivasaraghavan	M.A, M.Sc., Ph.D.	Reader.
Mr. M. V. Satchitanandam	M.A., M.Sc., M. Litt.	Reader.
Dr. M. S. Lakshmanan	M.A., Ph.D.	Lecturer.
Mr. T. Valuthi Varagunasingh	M.Sc., M. Phil.	Lecturer.
Mr. E. Max	M.Sc.	Lecturer.
Mr. R. Rengasamy	M.A.	Lecturer.
Mr. K. Kalirajan	M.Sc., M.Litt.	Lecturer.
Mr. R. Kannan	M.Sc.	Lecturer.

2. Research Activities :

a. **Research works under print :**

Mr. M. V. Satchitanandam — "A note an Determinants of Food grain prices" — Indian Econometric Conference-December, 1975.

Mr. T. Valuthi Varagunasingh : "An Analysis of the Effect of export price on Temporal variation of Indian Exports of East India Leather".

Dr. M. S. Lakshmanan — "The socialistic ideas in Dr. M. Varadarajan's Novels" - to the Dr. Mu. Va. Seminar-1976.

M. E. Max — "Tannery Effluent Treatment-A Cost-Benefit Analysis"- paper in collaboration with Mr. R. E. Benjamin, research scholar of this department-sent for publication in Leather Science.

b. **Research work completed :**

Mr. R. Rengasamy.

1. A Comparative Study of the economic ideas of Thiruvalluvar and Gandhi.
2. Intermediate technology and Khadi & Village Industries.
3. Khadi and Village Industries as a component of Economic Planning in India.

Mr. K. Kalirajan

1. An analysis of the effect of export price on Temporal variation of Indian Exports of East India Leather.
2. A statistical test to examine the difference in consumption patterns.
3. Behaviour of the applied factors in paddy production.

c. **Research work under progress**

Miss. M. Gajalakshmi — Registered for Ph.D., in July, 1975-collecting materials.

Dr. N. Srinivasaraghavan : Some methodological issues in Economics and Econometric research. Some international comparison of consumption patterns.

Mr. M. V. Satchitanandam — Econometric model of Tamilnadu's Economic Growth during the period 1950-70.

M. T. Valuthi Varagunasingh:	A thesis for Ph.D., title "A Quantitative Economic Analysis of allocation of resources in Tamilnadu". Pattern and Quantitative sufficiency of food consumption in Taminadu,
Dr. M. S. Lakshmanan.	A book on "An Introduction to Research Methodology" (in Tamil) in collaboration with Dr. Rm. Periakaruppan.
Mr. E. Max.	Carrying on Ph. D., Programme.- preparing Doctoral Dissertation.
Mr. R. Rengasamy.	1. Efforts made towards decentralised production on Gandhian lines in Madurai Uniuerstiy area - a Ph.D., thesis.
	2. Location pattern of Khadi and Village Industries.
	3. Socio - economic survey of Ceylon Repatriates. A Case study.
	4. Development and growth of Gandhian decentralised sector in the Southern districts.
Mr. K. Kalirajan.	1. Nutritive- Economic Analysis of Food consumption in India-Ph. D., thesis.
	2. Pattern and quantitative sufficiency of food consumption in Tamilnadu (jointly with Mr. T. Valuthi Varagunasingh)
Mr. R. Kannan	Registered for a Ph. D., degree in October, 1975 under the heading Income Distribution'.

3. **Courses conducted in the Department and enrolment:**

P. G. Course : M. Sc. Mathematical Economics.

Enrolment: I Year :

Men	Women	Total	B. C.		S. C. / S. T.		Others	
			M.	W.	M.W.	M.W.	M.	W.
8	12	20	6	8	— 1	— —	2	3

4. **Research Scholars :** Please see in page No. 271

4. **Research Scholars** :

Sl. No.	Name of the Scholar	Name of the supervisor.	Degree for which registered	Scheme under which working	Topic of Research	works Published	Whether submitted thesis	Whether declared for the degree
1.	Mr. R. Edward Benjamin	Miss M.Gajalakshmi	Ph. D.	UGC Jr. Fellowship	Leather Industry of Tamilnadu-Spl. reference to tanning.	One in 'Leathers' March,1975	...	...
2.	Mrs. Krishna-veni	Miss. M.Gajalakshmi	M.Litt.	University Studentship	Public Expenditure of Tamilnadu.	...	...	...
3.	Miss V.Santha	Miss M.Gajalakshmi	M.Litt.	,,	Industrial Relations.	...	...	...
4.	Mr. G. Subra-manian	Dr.N.Srinivasa-raghavan.	Ph.D.	,,	Public Expenditure and Development of the Low Income Group people in Tamilnadu.	...	...	...
5.	Mr. T. James Jayasingh	Dr.M.S. Lakshmanan	Ph.D.	,,				

7. Conferences, Seminars etc., attended by the Teachers during the year:

Name of the Teacher	Name of the Conference Seminar attended and the place where held	Duration of the conference
1. Dr. N. Srinivasa-raghavan.	Southern Regional Conference on 'Mathematics education and Research' Madurai University.	3 days – 3rd October to 6th October '75.
2. Mr. R. Rengasamy	Seminar on E. V. R. at 'Gurukul', Madras.	2 days-2nd & 3rd Oct. 1975.

DEPARTMENT OF ANCIENT HISTORY

Staff :

a. Dr. N. Subramanian
Head of the Dept. of Ancient History.

b. Mr. S. Jeyapragasam
Lecturer, M.A. (Tamil) M.A. (History)

2. **Research Activities** :

a) Research works published during the year :

1. Presidiential Address for Sec. I Indian History Congress, Aligarh.
2. Evolution of religion in Medieval Tamilnad.
3. Culutural contacts between Tamilaham and South East Asia.
4. Evolution of the Social Structure in Tamilaham for the Indian Historical Review.

5. Modern Indian Historiography by Indians in English.

6. Literary Criticism for the Department of Tamil (Seminar).

7. ‘ Paranar ’ in Tamil.

3. **Courses conducted in the Department and enrolment :**

	Men.	Women	Total.	B.C.	S.C./ S.T.	Others
P.G. Courses						
I Year	19	12	31	19	8	4
II Year	—	—	—	—	—	—

4. **Research Scholars :**

1. Thiru N. Mani – M.Litt – Evolution of Toponys in Ancient and Medieval Tamilaham.

2. Prof. Gandhidasan - M.Litt. - Early Pallava Chronology.

3. Miss. Carola A. Breckenridge, an American Student, The Meenakshi Temple.

4. Susan N. Hacker - Ph.D. - The agrarian system in the Cumbum Valley, Madurai District.

5. Mrs. Thinakaran - M.Litt. - History of the Pandiyas 10th & 11th Centuries.

6. M. Kamatchi - M.Litt. - Kulothunga - I

7. N. Subburaj - M.Litt. - Nandivarman - II.

5. Conferences, Seminars, etc., attended by the teachers during the year :

The Professor attended the following Conferences :

1. Kerala Government concept on Indian Culture, Trivandrum.

2. Indian History Congress, Aligarh, 1975.

6. **Other general informations :**

Dr. N. Subrahmanian, Member of the Executive Committee of

a) 1. The Madras Institute of Development studies and 2. The Institute of Historical Studies, Calcutta.

b) The Secondary Education Board, Government of Tamilnadu.

c) Tamilnadu Council of Historical Research.

d) Indian History Congress.

e) Visiting Professor of History during March - April 1975 in the North Eastern Hill University, Shillong.

f) President elect of Section I (Ancient India) of the Indian History Congress, Aligarh, 1975.

DEPARTMENT OF MODERN HISTORY

Professor :

Dr. K. Rajayyan, M.A., M.Litt., A.M., Ph.D.

Lecturer :

Thiru P. Sarveswaran, M.A.

Research :

K. Rajayyan has published his work, A **History of Madurai** (1736-1801). Based upon his original research in State Archives, Madras, it attempts a study of the history of the Madurai region under the Nawabs of the Carnatic. At present he is editing the historical ballads in Tamil.

The following research scholars do research under his guidance in the subjects noted against their names :

Thiru D. Daniel - Struggle for Responsible Government in Travancore.

Prof. Rajaratnam - English Administration and Tamil Peasantry.

Thiru M. Selvaraj - The Rajaji Ministry

Thiru J. Thiyagarajan - British Administration in Kongunadu

Thiru Selvin Kumar - History of Madurai Sultanate.

As Convener of doctoral Committees, he guides four teacher candidates in their research for Ph.D.

Teaching :

The Department conducts M.A. course in history. Of the 31 students in the final year class, 19 are boys and 12 are girls in the ratio 19:8:4 belonging to backward communities, scheduled castes / scheduled tribes and other communities respectively. K. Rajayyan takes the Htstory of China, while P. Sarveswaran constitutional History of India for the classes.

Meetings :

K. Rajayyan attended the annual meeting of the Indian couucil of Historical Research on 17 March 1975. At the invitation of Bangalore University he gave a talk on British Diplomacy in India. He served as a Member of the I.A.S. Examination Reform Committee during the current year.

DEPARTMENT OF GEOGRAPHY

1. **Staff:**

a. Professor and Head of the Department :
Dr. Miss A. R. Irawathy-Director.

b. Dr. K.S. Gopalakrishnan, M. Sc., Ph.D. - Lecturer

2. **Research Activities** :

Dr. Miss A.R. Irawathy-Director

Special Lectures given :

1. Sarah Tucker College, Tirunelveli — International Year for women-Role of Educated women in India - March 1975
2. Historical Society, Madurai — South East Asia-Shatter belt - March 75
3. S.T Hindu College, Nagercoil — World Population-its explosive Nature
4. Madurai Geographers Association— Developing Countries-July 1975
5. Geography Teachers Associations, Madras — Modern Geography teachers and Teaching Aug 1975.
6. -do- — Felicitaion function for the senior Geographers - Hon'ble Education Minister V. R. Nedunchezhian Presided-Geography to-day.

7.	Seminar on Regional Planning of Madurai, Ramnad and Pudukkottai Districts-Town Planning Department Organised	— Presided over the Afternoon session. Pandian Hotel-Sept '75

3. Course conducted in the Department and Enrolment :

	Men	Women	Total	B.c	Sc/ST	Others
Post Graduate course :						
I Year M.Sc. in Geography	12	—	12	8	2	2
Part time course :						
P.G. Diploma in Geography	7	2	9	5	—	4

4. Research Scholars :

Name of Scholars	Name of the Supevisior	Degree for which Registered	Topic	Scheme	Works Published	Whether submitted	Whether declared for the degree
1.	2.	3.	4.	5.	6.	7.	8.
1. Thiru S.R. Narayanasmy	Dr. A.R. Irawathy	Ph.D.	Madras city Urban Geography	UGG	—	—	—
2. Selvi K.Gowri	Dr. A. R. Irawathy	Ph.D.	Madurai City-Urban Geography	Madurai University Stipendiary	—	—	—
3. Mr. V. Damodaran-Nair	do	Ph.D.	Kanya Kumari District—Land use	do	—	—	—

5. Conferences, Seminars etc. attended by the teachers during the year :

	Name of the teachers	Name of the conference-seminar attended and the place where held	Duration of the conference	Topics of papers presented
1.	Dr.A.R. Irawathy Director	1. International Women's Conference, Madurai	One day	Women of India and Liberation Movements- June 1975.
		2. Non-formal Education for Women - Seminar 2 days at Madras		Different roles of Education Women in Non-formal education — 23th 24th September, 1975.
		3. State Adult Education 1 day Seminar, Madras		Role of Educated Women in Adult Education and Rehabilitations of the drop outs in schools Lady Wellington Training College Madras. 4th Oct. 1975.

6. Other general information :

1. The M.Sc. Geography degree course, Branch VIII - Semester was started on 15-9-75 with existing staff.

2. Selvi K. Gowri, one of the Research scholars of the Department applied for relief from the Department to join the in Lecturer post in Geography of the Government Arts, College, Chittoor, Kerala on 17-10-75

3. Thiru S. R. Narayanaswamy, UGC Research Scholar is completing his research work in November 1975.

DEPARTMENT OF GANDHIAN STUDIES AND RAMALINGAR PHILOSOPHY.

1. STAFF :

Director: Thiru M. P. Gurusamy, M. A.,
Diploma in Gandhian Thought,
Diploma in Russian Language.

2. Research Activities :

a) Research work published during the year :
One book in Tamil - "Gandhiji and Karl Marx"

b) Research work submitted for the publication :-
One book in Tamil - "Vallalar An Introduction".

c) Research work under progress :-
"Gandhian Economics" (Tamil)

d) Extra - curricular activities :-

(i) Delivering lectures on Gandhiji and Vallalar

(ii) Writing articles to magazines both in Tamil and English.

3. Details of the study Circle meetings conducted by the department during the year :

S. No.	Papers presented by	Subject
1.	Thiru Rm. Shanmugam, M. A.,	"Vallalar's Mind in Maha Deva Malai"
	Thiru M. P. Gurusamy, M.A.,DGT	Gandhian Concept of God"
2.	Miss. K. R. Jalaja, M.A.,	"Vallalar and Valluvar"
	Thiru M.P. Gurusamy	"Valluvar and Gandhiji"
3.	Thiru P.M. Santhamurthy, M.A.,	"Vallalar's great Appeal"
	Thiru M.P. Gurusamy	"Gandhiji's Hind Swaraj"
4.	Thiru G. Seshadri M.A.,	"Vallalar's concept of Unity"
	Thiru M. P. Gurusamy	"Gandhiji and the students"
5.	Thiru V.Narayanasamy, M.A.,	"Gandhiji and Albert Swtizer"
	Thiru M.P. Gurusamy	"Life Discipline as designed by Vallalar"
6.	Thiru T. Seshadri, M.A.,	"Gandhiji's concept of truth"
	Thiru M. P. Gurusamy	"Achievements of Vallalar"
7.	Dr.R. Godandaraman	"We and Vallalar"
	Thiru M. P. Gurusamy	" constructive Programme"

4. **Details of Seminars conducted by the department :-**

I Seminar on "Physical Education for All" :

S. No.	President	Paper Presented by	Topic
I	Prof. R. Kanagasabapathy (Principal, Aditanar College, Syndicate Member, Chairman, University Sports Committee.)	1. Prof. M. P. Gurusamy	1. "Gandhiji" and Physical Education"
		2. Dr. Robson	2. "Place and role of Physical Education in Higher Education"
		3. Thiru Stephen Paulraj Chelliah	3. Participation of All Students in Physical Education Activities"
		4. Thiru R. C. Satyanesan	4. "Ways and Means to conduct games and Tournaments in peaceful Atmosphere"
		5. Thiru S. Gurusamy	5. "Yogic Physical Culture"
		6. Thiru N. James Sokkiah	6. "Sports and games for All"

II Seminar on " Vallalar and Social Problem. "

II	Dr. Sp. Annamalai, (P.G. Professor, in Tamil, Thiagarajar College, Madurai) Inaugurated by Cap. D. V. P. Raja, Director, Madurai Institute of Social Work.	7. Dr. D. V. Veerasamy	7. "Caste differences"
		8. Prof M. P. Gurusamy	8. 'Problem of poverty'
		9. Dr. T. Murugarathanam	9. "Blind Traditions"

S. No.	President	Paper presented by	Topic
III	Thiru K. Arunachalam M. A., L. T. Principal, College of Gandhian Thought, Madurai.	10. Thiru M.P. Gurusamy	10. "Gandhian concept of Democracy"
		11. Thiru S. Pandiyan	11. "Violence and Democracy and the method- to change it"
		12. Thiru M. Mariappan	12. "Problems of Democracy and methods of solving them"
		13. Thiru D. Velappan	13. "Democracy and Economic Develop ments"
		14. Thiru K. Muniyandi	14. "Education suitable for Democracy."

5. Conferenees, seminars etc. attended by Thiru M. P. Gurusamy, Director, during the year.

No.	Name of the conference /Seminar attended and the Place where held	Duration of the Seminar	Topics of the papers presented.
1.	Khadi and Village Industries Seminar in the Gandhiniketan Ashram, T. Kalluppatti.	One day	"Practice and prospects of Khadi and Village Industries"
2.	Rural Industrialisation Seminar Organised by the Gandhigram.	One day	"Socio-Cultural Impediment to Rural Industrialisation"
3.	"Rural Industries and Development" Seminar organised by the Tirunelveli Dt. Sarvodaya Sangh at Tirunelveli.	One day	"Role of Village Industries in the Development of our Nation"
4.	"Role of Khadi and Village Industries" Seminar Organised by Gandhi Ashram, Tiruchengodu.	One day	"Place of Khadi and Village Industries in the modern economic set up"
5.	Seminar on "Gandian Thought" for the college Teachers Organised by the Gandhi Smarak Nidhi at Kallupatti.	Two days	"Teaching Techniques"
6.	Seminar on "Communication Methods" by the Tamilnadu Gandhi Smarak Nidhi in the Gandhiniketan Ashram.	Two days	"Practical difficulties in communication"

6. Articles written, presented and published during the year by Prof. M.P. Gurusamy.

No.	Titiles	Details
1.	Socio cultural Impediments to Industrialisation	Khadi Gramodyog Feb. 1975
2.	Practice and prospects of Khadi and Village industries	,, Aug. 1975
3.	Gandian Thought and Tamilnadu	,, Sep. 1975
4.	Scope and Limits of Valluvars' Economics	"Valluvars Economics " Book published by the Thirukkural Research Wing of Madurai University
5.	Three Social Evils	Grama Rajyam 17.1.75
6.	Food Production	,, 7.2.75
7.	Gandhiji and Narayana Guru	,, 11.4.75
8.	Gandhiji and Panchayat Raj	,, 1.8.75
9.	This is Gandhiij's Birth Place	,, 3.10.75
10.	Silver Jubilee for Boodan Revolution	,, 24.10.75
11.	Luxurious Deepavali	,, 31.10.75
12.	Inflation	Social, Political, Economic and Cultural Forum of Gandhi Peace Foundation
13.	Black Money	,,
14.	Gandhian concept of God	Department - Study Circle meeting
15.	Valluvar and Gandhiji	,,
16.	' Gandhiji's Hind Swaraj	,,
17.	Gandhiji and Students	,,
18.	Life Disciple as desinged by Vallalar	,,
19.	Achievements of Vallalar	,,
20.	Constructive Programme	,,
21.	Gandhiji and Physical Education	Department - Seminar
22.	Problem of Poverty	,,
23.	Gandhian Concept of Democracy	,,
24.	Vallalar and His Times	Madurai Historical Society
25.	Role of Village Industries in the Development of our nation	Tirunelveli District Sarvodaya Sangh Seminar.

7. **Special Lectures**:- The Director delivered special lectures in the following places on the topics connected with Gandhian Studies and Ramalingar Philosophy.

1. School of Non-Violence, Madurai
2. Gandhi Peace Foundation-Special Course on Shanti Sena
3. Course for School Boys on Gandhian Thought at Aruppukkottai
4. Summer School on Gandhian Thought, Usilampatti
5. Gandhian Thought Course for School Boys, Palani
6. SPEC, Madurai
7. Book Review of "Limits to Growth" in the College of Gandhian Thought
8. Gandhiniketan Ashram, T. Kallupatti
9. Sanmarga Sangam, Madurai
10. Sanmarga Sangam, Anuppanadi
11. Sanmarga Sangam, Avaniyapuram.
12. Jivakarunya Conference, Madurai
13. V. O. C. College, Tamil Association, Tuticorin
14. The American College Planning Forum
15. Thiagarajar College Social Service League
16. Law College Gandhi Jeyanthi Day
17. Divine Society of Madura College
18. Gandhi Jayanthi Celebration, Thiagarajar College
19. Gandhi Smarak Nidhi
20. R. D. M. College, Sivaganga
21. A. P. S. A. College, Tiruppathur
22. Sevugan Annamalai College, Devakoottai
23. High School Headmasters' Association, Tirumangalam
24. Teachers' Association, Vembakkottai
25. Madurai Institute of Social work
26. Gandhi Study Circle-Arulmigu Palaniandavar Arts College, Palani

27. Gandhi Manram-Arulmigu Palaniandavar College of Indian Culture, Palani.
28. Gandhian Study Club-Arulanandar College, Karumathur
29. Youth Club, South Gate, Madurai
30. Palaniappa High School, Solapuram
31. Youth Corp Volunteers Training Course, Madurai
32. Paramakudy Gandhi Manram
33. Thiruvalluvar Kazhagam, Madurai

11. Special Classes on Gandhian Thought conducted by the Director:-

1. College of Gandhian Thought, Gandhi Smarak Nidhi, Madurai
2. Sri Meenakshi Government College, Madurai
3. Gandhiniketan Ashram, T. Kallupatti
4. S. F. R. College, Sivakasi
5. Senthamil College, Tamil Sangam, Madurai

DEPARTMENT OF SAIVA SIDDHANTA PHILOSOPHY

I. Staff :

a) Thiru. K. Vajravelu Mudaliar,
Special Officer, Head of the Department.

b) S. Gangadaran, M. A., M. Litt. Dip. in Sanskrit.
Lecturer

II Research Activities :

[A] Special officer :

(a) "Arunachala Puranam" - An article to be published in Arulmigu Annamalayar Tirukkoil Kumbabisheka Malar, Tiruvannamalai.

(b) Research work under print:

"Tiruvarutpayan"-with Commentary by Nirambalagiya Desikar together with critical notes under print by Tiruvaduturai Adhinam.

(c) Research work under progress:

1. "Sivagnanabotha Vachanalankara Dipam" by Senthinatha Aiyar- critical revised edition with explanatory notes.

2. An Introduction to the study of Sivagnana Booham.

3. A Handbook of Saiva Siddhantha.

d) The special Officer is giving lecturers on Saiva Siddhanta every Sunday at 397, North Masi Street, Madurai - 1

B) **Lecturer :**

a) Research work published during the year.

1. " Saiva Siddhanta, the essence, of Vedanta " - An article published by Sri Brahmagnana Jothi Samaj Souvenir, Madras - 86

2. " Indiya tattuvangalil Unmai parriya Kolgaigal " - An article - Vedabureswarar Koil Kumbabisheka Malar.

b) Research works under Progress:

1. Saiva Siddhantam kūrum Unmai parriya kolgai.

2. Indiya tartuvangalil kuṛvam parriya kolgaigal.

3. Bibliography on Saiva Siddhantha (in collaborarion with the Special Officer.)

c) 1. The lecturer gave a lecture on "Ethics of Bhagavad Gita" held under the auspices of the Philosophy Association, Tamilnadu Theological Seminary, Arasaradi on 26-4-75.

2. The lecturer gave instruction for Pre-University Logic students studying under the Correspondence Course.

III Inter - Collegiate Lectures, Seminars and Conferences:

1. P.G. Course : M.A. in Philosophy and Religion - I year. The lecturer is teaching Saiva Siddhanta at Tamil Nadu Theological Seminary at Arasaradi Madurai. The Special Officer and the lecturer attended the seminar pertaining to grace in Saiva Siddhanta, Vedanta, Christianity and Islam held at Tamilnadu Thelogical seminary on 11-10-75.

2. The lecturer conducted two seminars on " Concept of God in Saiva Siddhanata and Christianity and concept of creation in Saiva Siddhanta and christianity" on 22-9-75 and 6-10-75 respectively at Tamilnadu Theological seminary, Arasaradi. Two papers on the subjects were read by B. Franklin, and Regichandra and they were followed by a lively disscussion.

3. Conference, Seminars etc; attended by the teachers during the year. The special officer attended the annual conference of the Saiva Siddhanta Mahasamajam held on 11, 12 and 13-4-75 at Mambakkam Kurugulam, Madurantakam and spoke on the evening of 11-4-75 on Saiva Siddhantha in Tirukkural.

4. The lecturer also attended the above conference and spoke on the morning of 11-4-75 on Saiva Siddhanta. Both the members of the staff participated in the disscussion on " *Anava* " in the state of release, inaugurated by Dr. Devasenapathy, Director, Centre of Advanced Study in Philosophy held as a part of the above conference.

DEPARTMENT OF MATHEMATICS

1. (i) **Staff:**

Professor & Head of the Department	· Dr. M. Venkataraman, M. A., Ph. D., F.A. Sc.,
Readers	: Dr. K.R. Nagarajan, M.A., M.Sc., Ph.D.,
	Dr. K.M. Rangaswamy, M.Sc., Ph.D., (till 30-6-'75-left for Australia on leave)
	Dr. T. Soundararajan, M.A., M.Sc., Ph.D.,
	Dr. M.A. Sundaram, M.A., Ph.D.,
	Dr. K. Viswanath, M.Sc., Ph.D.,
Lecturers	: Mr. N.S. Natarajan, M.A. M.Sc.,
	Dr. S. Janakiraman, M.A.,M.Sc., Ph.D.
	Dr. T.V.S. Jagannathan, M.Sc., Ph.D.,
	Dr. R. Raghavendran, M.A., M.Sc., Ph.D.,
	Dr. Mary Rayar, M.A., Ph.D.,
	Dr. V. Kannan, M.Sc., M.Phil., Ph.D.,
	Dr. M. Sitaramayya, M.Sc., Ph.D., (till 30-6-'75 - Under Cosip)
	Dr. P.V. Ramakrishnan, M. Sc., M.Phil., Ph.D. (Under Cosip)
	Dr. A. Lakshmi, M.Sc., Ph.D., (Under Cosip)
	Dr. T.R. Sundararaman, M.A., Ph.D., (Under Cosip)

Pool officers : Dr. A. Sundaram, M.Sc., Ph.D., Dr. R. Aravamudhan, M.A., Ph.D., (from 22-9-'75 to 15-10-'75)

Hony. Professor : Prof. M.H. Stone

(ii) Research works published :

T.R. Sundararaman : Lattice of precomplete varieties of rings, Indag. Math. 37, No. 2, 1975, 144-146.

V. Kannan : A note on Countably generated spaces, Arch. der. Math. Vol. 25, 42-43.

P.V. Ramakrishnan & S. Jeyamma : On the convergence of Mikusinski Operators, Jour. London Math. Soc. Vol. 8.

(iii) Research works under print :

T.R. Sundararaman : Precomplete varieties of R-alg. Algebra Universalies (to appear)

V. Kannan : Coreflective subcategories in topology - Summary - to appear in Proc. of the Mannlieum Conference on 'Categorical topology' held in July 1974.

On two questions of Arhangelskii and Franklin - to appear in General topology and applicaions (1975).

Lattices of Hausdorff compactifications (with Mr. Thrivikraman) to appear in Pacific Journal of Mathematics.

Invariance under finite to one quotients-submitted.

	Constructions and applications of rigid spaces I (with Prof. M. Rajagopalan)- submitted.
	On Scattered spaces II (with Prof. M. Rajagopalan) - submitted.
S. Alamelu	On quasi-injective modules over Noetherian rings - to appear in Jour. Ind. Math. Soc.

(iv) Research works completed or under progress:

T. Soundararajan	: Galois theory (Conf. of Indian Mathematical Society, Kanpur 1975)
	Algebraic Geometry.
K. Viswanath	: Mathematical Models in Classical Mechanics & Algebraic Topology.
K. M. Rangaswamy	: Classification problems in Group theory
K. M. Rangaswamy & V. A. Hiremath	: Co-pure injectives in Mod-R.
K. R. Nagarajan	: Conditions for finite generation in some categories
S. Janakiraman	: Strongly pure subgroups
	Quasi - projectives in the category of LCA groups
T. V. S. Jagannathan	: Some problems in analyis on real and complex manifolds.
V. Kannan	: Ordinal invariants in topology Monograph

	Constructions and applications of rigid spaces II (with Professor M. Rajagopalan)
A. Sundaram	: A new cluster model wave function force.

(v) **Ph. D. thesis**

Tmty. S. Alamelu submitted her thesis 'Studies in Algebra' in Jan. '75 and was awarded the Ph. D. degree in Sept. '75.

Mr. V. S. Ramamurthy was awarded the Ph. D. degree in August 1975 for his thesis 'Studies in Rings and Modules'.

Mr. N. Jayasankaran submitted his thesis 'Studies in Functional Analysis' in Jan. '75 and the award is expected.

Mr. T. Thrivikraman has submitted his thesis 'Studies in Compactifications' in Oct. '74 and the award is awaited.

2. **Courses conducted in the Department & Enrolment :**

	Men	Women	Total	B. C.	S. C./S. T.	Others
(i) M.Sc. Br. I (b)-I year ...	5	13	18	13	...	5
II year ...	3	10	13	11	...	2
(ii) M. Phil. ...	8	2	10	8	...	2
(iii) Cosip						
One Year Course (1974-'75) ...	3	...	3	3	...	...
3-month course :						
Analysis (July-Oct. '75) ...	5	1	6	5	...	1
Geometry (Oct. '75 - Jan.76). ...	6	1	7	6	...	1

3. Research Scholars.

Name of the Scholar	Name of the Supervisor	Degree for which registered	Topic of Research	Scheme under which working	Whether thesis submitted	Whether declared for the Degree
N. Jayasan-karan $$	M. Venkata-raman	Ph. D.	Studies in Functional Analysis	D. A. E. (till 30 - 6 - '75)	Jan. '75	Result awaited
M. Ganesh $	M. Sita-ramayya	Ph. D.	Differentiable Manifolds	Univ. Stip. (till 1 - 11 - '75)	...	...
S. Alamelu $	K. R. Nagaraja	Ph. D.	Studies in Algebra	D. A. E. (till 18 - 8 - '75)	Jan. '75	Awarded the Degree in Sept. '75.
R. Lalitham bal $$	K. R. Naga-rajan	Ph. D.	Studies in Topology and Algebra	U. G. C (till 25 - 7 - '75)	...	...
V. Neela $$$	K. M. Ranga-swamy	Ph. D.	Studies in Algebra	Non-Stip. (till 30 - 6 - '75)	...	...
V. A. Hire-math $$	K. M. Ranga-samy	Ph. D.	Studies in Algebra	U. G. C. (till 25 - 10 - '75)	...	...
G. Rajam $$	T. Soundara-rajan	Ph. D.	Functional Analys and its applications	Univ. Fell. (till 11th Aug. '75)	...	...

1	2	3	4	5	6	7
A. K. Vijayakumar	K. Viswanath	Ph. D.	Studies in Algebraic topology	Univ. Stip. (till 30 - 9 - '75) D. A. E. (from 1 - 10 - '75)	...	...
S. Srinivasan	M. A. Sundaram	Ph. D.	Studies in Functional Analysis	Univ. Stip. (till 30 - 10 - '75) U. G. C. (from 31 - 10 - '75)	...	...
K. Malliha Devi $$$$	—	—	—	...	...	...

$ Has left to accept on transfer a D. A. E. Scholarship at Madras.
$$ Has left to accept teaching assignments
$$$ Tenure period expired
$$$$ Joined on 6th Oct. '75, not yet registered

5. OTHER ACTIVITIES :

i) The Department is stressing on discussions, tutorials and personal discussion with the regular students. For the benefit of research workers including the teachers, we have a normal programme of seminars, with one hour a day set apart for the same, in which all topics of Mathematical interest could be discussed.

ii) University Leadership Project in Mathematics (COSIP):

Under this Scheme, this year 1975-'76, the following 7 colleges were selected for 3 - month courses on Analysis, Geometry & Algebra.

1. Pasumpon Muthuramalinga Thevar College, Usilamapatti.
2. Devanga Arts College, Aruppukottai.
3. Sree Sevugan Annamalai College, Devakottai.
4. Seethalakshmi Achi College for women, Pallattur.
5. Pope's College, Sawyerpuram.
6. Nazarath Margoschis College, Nazareth.
7. Sadakathullah Appa College, Tirunelvali.

3 Colleges were selected for one - year course for the Academic year 1974 - 1975.

1. G.V.N. College, Kovilpatti.
2. Aditanar College of Arts and Science, Thiruchendur.
3. S. Vellaichamy Nadar College, Madurai.

So far, we have taken 107 teachers from 38 colleges for training in courses on Analysis, Geometry and Algebra for three months and 13 teachers have under gone the one - year course.

A Workshop on Geometry was conducted during May 12th to June 7 th 1975 for the teachers from the colleges.

The U.G.C. Committee visited this Department to assess the work of this scheme in August, 1975 and it is learn that the scheme has been recommended to continue for 2 more years.

(iii) Regional Conference on Mathematic Educations and Research :

Under the sponsorship of U. G.C., the Regional Conference of the Southern Universities was held during 3rd to 6th Oct. '75 at this Department to implement the recommendations of the Binational Conference on Mathematics Education and Research held at Bangalore in 1973. About 45 teachers participated from the Universities of the Southern States - Karnataka, Andhra, Kerala and Tamilnadu.

(iv) Personal:

Prof. M. Venkataraman was nominated as a Fellow of the Indian Academy of Sciences, Bangalore. He continued to be a member of the Specialist Panel in Mathematics constituted by U. G. C. and has been nominated to the Steering Committee of the Regional Conference on Integrated Mathematics Curriculum Development for Developing Countries in Asia. He gave a half-hour address at the Annual Meeting of the Indian Science Congress at Delhi in Jan. 75 on Stability theory and the theory of Catastrophy.

Dr. K. M. Rangasamy has gone on leave to the National University of Australia (Canberra) on a research programme.

Dr. T. Soundararajan has participted in theNational Associateship Scheme at the Tata Institute of Fundamental Research, Bombay from 15th Nov. to 31st Dec. '75).

Dr. K. Viswanath was selected as a U. G. C. National Associate with the privilege of visiting several Universities for mutual discussions with the active workers there.

Dr. M. Sitaramayya has resigned his post to accept a Readership at Ramanujam Institute for Advanced Study in Mathmeatics, Madras.

Dr. A. Sundaram participated in the 7th Matscience Analysis at Mysore during March 1975 and was a visitor of Matscience, Madras during June 1975.

Several teachers and research scholars of this department are participating at the Annual Conference of the Indian Mathematical Society in December, 1975 at Kanpur.

A Planetarium and a Telescope have been installed for demonstration to the colleges under the University Leadership Project in Mathematics (Cosip).

DEPARTMENT OF PHYSICS

I. Staff:

Professor :

a) Dr. K.S. Chandrasekaran, M.Sc., Ph.D.

Readers :

b) Dr. V.G. Krishnamurthy, M.Sc., D.Sc.

c) Dr. R. Fatehally, M.Sc., Ph.D.

d) Dr. S. Balasubramanian, M,S., Ph.D.

e) Dr. T.M. Haridasan, M.Sc., Ph.D.

Lecturers:

f) Dr. S.K. Mohanlal, M.Sc., Ph.D.

g) Dr. J.K. Mohana Rao, M.Sc., Ph.D.

h) Dr. R. Janakiraman, M.Sc., Ph.D.

i) Dr. N. Hariharan, M.Sc., Ph.D.

j) Dr. S. Rajan, M.Sc., Ph.D.

k) Thiru K. Navaneethakrishnan M.Sc. (from Sept. 1975.)

l) Dr. C.E. Sooriamurthi, M.Sc., Ph.D,
CSIR Pool Officer in Physics from Feb. 1975.

II. Research activities:

A) *Research publications: research works under print and research papers accepted:*

1) Election density distribution in crystalline solid solutions: The system $Ga_xAl_{1-x}As$- K.S. Chandrasekaran, R. Fatehally, S.K.Mohanlal, Vispy D. Doctor and C. Ramesh - accepted for the National Conference on Crystallography, New Delhi, Dec. 1975.

2) Some technical findings of possible interest in X-ray diffraction—K.S. Chaddrasekaran, R. Fatehally, S.K. Mohanlal, Vispy D. Doctor and C. Ramesh - accepted for the National Conference on Crystallography, New Delhi, Dec. 1975.

3) Crystal structure of lead acetate trihydrate — R.K. Rajaram and J.K. Mohana Rao - Current Science, 44, 184, 1975.

4) A comparative study on the geometry of the glycine molecule in different crystal structures—J. K. Mohana Rao and S. Natarajan—National Conference on Crystallography, New Delhi, 1975.

5) Further crystallographic studies on the addition compounds of glycine with calcium halides - S. Natarajan and J. K. Mohana Rao,—National conference on crystallography, New Delhi 1975.

6) Some crystallographic investigations on divalent metallic acetates—R.K. Rajaram and J. K. Mohana Rao—National conference on crystallography, New Delhi, 1975.

7) Crystal structure of ferroelectric tetramethyl ammonium trichloro-mercurate - R.K. Rajaram and J.K. Mohana Rao, National conference on crystallography, New Delhi, 1975.

8) Effective of spatial variation of the effective mass on the Ground states of Donors in Silicon - S. Balasubramanian and K. Navaneethakrishnan-Indian Journal of Pure and Applied Physics, 13, 482, 1975.

9) Ground states of shallow acceptors in Si and Ge - S. Balasubramanian and K. Navaneethakrishnan - Indian Journal of Pure and Applied Physics, 13, 645, 1975.

10) Note on the equation $x + 2 \propto x + w^2 x$ - O - S. Balasubramanian-American Journal Physics, under print.

11) On the ground state wave functions of shallow donors in Silicon — S. Balasubramanian and K. Navaneethakrishnan accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

12) On model potentials for impurities on Silicon and Germanium S. Balasubramanian, K. Navaneethakrishnan and E. Palaniyandi—accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

13) Donor energy states in many valley semi conductors—S. Balasubramanian and E. Palaniyandi — accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

14) Impurity induced Raman spectrum in Mgo—T.M. Haridasan—Proceedings of International Conference on Light scattering in solids, Brazil, July 1975.

15) Gap modes due to impurity pairs in KI - S. Kalyani, T.M. Haridasan and S. Duraiswamy-Accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

16) Localized modes due to pairs of U centres in alkali halides-
S. Kalyani, T.M. Haridasan and S. Duraiswamy - Accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

17) Thermal expansion calculation of NaCl through Green functions T.M. Haridasan - Accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

18) Phonon spectra of alkaline earth oxides-Revathi Raghavan and T.M. Haridasan-Accepted for Indian Science congress, Waltair, Jan. 1976.

19) P.M.R. investigation on hydrated metal ion acetate systems : single crystal studies on lead acetate trihydrate-V. Vijaya Arunachalam and R. Janakiraman-Accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

20) Electron spin resonance of Mn^{2+} in ammonium magnesium sulphate. N. Hariharan - Accepted for the Atomic Energy Symposium, Calcutta, Dec. 1975.

21) Crystal structure of monocarbonyl pyridine Bis (triphenyl phosphrine) Rhodium I perchlorate- S.K. Mohanlal and S. Natarajan—National Conference on Crystallography, New Delhi, Dec. 1975.

22) Intermolecular potentials from Nuclear Magnetic Resonance data, I: CH_4-N_2 and CH_4-Co_2 mixtures-S. Rajan K. Lalitha and S.V. Babu-Canadian Journal of Physics, 15th August 1975 issue.

23) Intermolecular potentials from Nuclear Magnetic Resonance data, II: CH_4 CF_4 and SIF_4 - S. Rajan, K. Lalitha and S.V. Babu - Canadian Journal of Physics, 15th August 1975 issue.

24) Multivalley effective mass theory for donors in Si and Ge - S. Balasubramanian and E. Palaniyandi - Accepted for publication and under print, Indian Journal of Pure and Applied Physics.

25) Construction of a Spin—echo spectrometer for NMR studies in fluids : S. Rajan and K. Lalita - Accepted for the Atomic Energy Symposium, Calcutta Dec. 1975.

26) Photonionization cross section for impurities in Germanium - E. Palaniyandi and S. Balasubramanian - Accepted for the National conference on crystallography, Delhi Dec. 1975.

27) Teaching aids in the study of crystal symmetry - J.K. Mohana Rao - Accepted for National conference on crystallography, New Delhi Dec. 1975.

II (B) Research publications in preparation and works under progress :

1) The X-ray anomalous dispersion and optical activity in the crystalline solid solution $NaClO_3$: $NaBrO_3$ - K. S. Chandrasekaran and S. K. Mohanlal - Paper in preparation.

2) Size effect in the crystalline solid solution KBr_x Cl_{1-x} through single crystal Bragg intensities- S.K. Mohanlal and K.S. Chandrasekaran - Paper in preparation.

3) Development and performance studies of a copper sphere X-ray Divergent beam source - S.K Mohanlal, and K. S. Chandrasekaran-Parts fabricated and work in progress.

4) The X-ray Debye Waller factors for metallic oxides and sylphides - S.K. Mohanlal, and C. Ramesh, data analyses in progress.

5) Defect modes in C_aF_2-T.M. Haridasan and N. Krishnamurthy sent for publication to Physica status solidi.

6) Moments of the phonon spectrum in Lithium chloride-T.M. Haridasan and S. Duraiswamy-sent for publication to physica status solidi.

7) Report on 3rd International conference on light scattering in Solids, Brazil, July 1975 - T.M. Haridasan - Communicated to Physics News, Bombay.

8) Moments of phonon spectra in alkalihalides: S. Duraiswamy and T.M. Haridasan—being sent for publication.

9) Inter comparison of Debye Waller factors in alkali halides - S. Duraiswamy and T. M. Haridasan – being sent for publication.

10) Volume dependence of Gruneissen constants in alkali haldies S. Duraiswamy and T. M. Haridasan - Work in progress.

11) Anamalous behaviours of thermal expansion in NaCl : $O\bar{H}$ below 30°K-S. Kalyani - Work in progress.

12. Studies on diffusion in alkali halides - S. Kalyani-work in progress.

13. Photoelastic constants in alkalihalides - A lattice dynamical investigation - S. Kalyani, S. Duraiswamy and T. M. Haridasan - work in progress.

14. Anderson Gruneissen parameters in alkali halides-lattice dynamical calculation - S. Duraiswamy — work under progress.

15 E. S. R. studies of Mn^{2+} – in Ammonium Magnesium Sulphate - N. Hariharan, being sent for publication.

16. E. S. R studies in Potassium Magnesium Sulphate : - Mn^{2+} -N. Hariharan - paper under preparation.

17. Electron Spin resonance study of Cr^{3+} in different alums - N. Hariharan, work in progress.

18. An E.S.R. study of Nd^{3+} in some matrices - N. Hariharan- work in progress.

19. Magnetic resonance studies in furoelectrics - work in progress, N. Hariharan.

20. E. S. R. study of Gadoliniumion in some soldis - work in progress— N. Hariharan.

21. Comment on "On the solution of the equation for damped oscillation" S. Balasubramanian, Communicated to the American Journal of Physics.

22. Polarizabilities of hydrogen like impurities in Silicon - E. Palaniyandi and S. Balasubramanian - work in progress.

23. Variational calculation of acceptor states of $-\Gamma_8^+$ symmetry in silicon with improved impurity potentials - K. Navaneethakrishnan and S. Balasubramanian - work in progress.

24. On the dielectric screening and Mott transition in many valley semi conductors - K. Navaneethakrishnan and S. Balasubramanian work in progress.

25. Debye Waller factor and the distortion factors in some crystalline solid solutions - S. K. Mohanlal and C. Ramesh work in progress.

26. Proton magnetic resonance studies in single cryftals of hydrated metal-ion acetates - V. Vijaya Arunachalam and R. Janakiraman - work in progress.

27. Electron paramagnetic resonance studies in single crystals acetates- R. Janakiraman and V. Vijaya Arunachalam - work in progress.

28. Nucelar spin relaxation in gas phase and study of inter molecular forces - S. Rajan - work in progress.

29. Crystal structure determination of Manganese acetate tetrahydrate- R. K. Rajaram and J. K. Mohana Rao work in progress.

30. Crystal structure determination of diglycine calcium chloride tetrahydrate - S. Natarajan and J. K. Mohana Rao - work in progress.

31. Crystal structure detetmination of diglycine calcium bromide tetrahydrate - S. Natarajan and J. K. Mohana Rao - work in progress.

32. Refinement of the crystal structure of lead acetate trihydrate - R. K. Rajaram and J. K. Mohana Rao-work in progress.

33. Redetermination of crystal structure of chloro amphericol (choloromycetin)- S. K. Mohanlal and J. K. Mohana Rao - work in progress.

34. Refinement of crystal structure of furoelectro tetra methyl ammonium mercuric chloride - R. K. Rajaram and J. K. Mohana Rao - work in progress.

35. Development of pulsed NMR techniques for materials - S. Rajan - work in prograss.

36. Band spectra of complex molecules - Dr. V.G. Krishnamurthy, investigations being carried out.

37. The Theory of vibrations of molecules - Dr. V.G. Krishnamurthy investigations being carried out.

38. Integrated circuit type operational amplifier for bioelectric signals — R. Fatehally — work in progress.

III. Courses conducted in the Department with enrolment :

M.Sc. Course	Men	Women	Total
I year	8	3	11
II year	5	3	8

IV. Research scholars under Ph. D. Programme :

1. Mrs. Revathi Raghavan – completed a CSIR Junior Research Fellowship and has submitted a Ph. D. thesis entitled "Some aspects of the lattice dynamics of cubic crystals" in Oct. 1975

2. Thiru K. Navaneethakrishnan - UGC Junior Research Fellow till Sept. 1975 - Ph. D. thesis being finalished for submission in Jan. 1976. (Publications listed under II).

3. Thiru R.K. Rajaram - CSIR Junior Research Fellow working for Ph.D. (Publication listed under II)

4- Thiru V. Vijaya Arunachalam - CSIR Junior Research Fellow, working for Ph.D. (Publication listed under II).

5. Thiru S. Natarajan - UGC Junior Research Fellow working for Ph.D. (publications listed under II)

6. Thiru Vispy D. Doctor - U.G.C. Junior Research Fellow - working for Ph.D., discontinued from June 1975. (Publications listed under II)

7. Thiru P. Palaniyandi - CSIR Junior Research Fellow, working for Ph.D. (Publications listed under II)

8. Selvi S. Kalyani - University Stipendiary Scholar, joined in Aug. 1975 and registering for Ph.D. (Publications listed under II)

9. Thiru C. Ramesh - University stipendiary scholar, joined in July 1975 and registering for Ph.D. (Publications listed under II)

10. Thiru K.S. Mohanachandran (Lecturer in Physics, Sourashtra college Madurai) - Non stipendiary part time research works.

11. Thiru S. Srinivassan - (Asst. professor in Physics, Madurai Medical College — Non stipendiary part time research work.

12. Thiru S. Doraisamy - (Lecturer in Physics, Saraswathy Narayanan college, Madurai) - Non Stipendiary part time research work - shortly registering for Ph.D. (Publications listed under II)

13. Thiru Krishnamurthy — (Lecturer in Physics, Madurai college, Madurai) Non stipendiary part time research work — Registering for Ph.D.

The topics of Research of all the above Research scholars under Ph.D. programme, supervisors and publications are as lised under para II.

A. Ph.D. thesis entitled "Some aspects of the lattlice dynamics of cubic crystals" by Mrs. Revathi Raghavan, registered under Dr. K.S. Chandrasekaran and under the guidance of Dr. T. M. Haridasan, has

been submitted in Oct. '75. Another Ph.D. thesis entitled "Theoretical Investigations on Impurity states in Elemental Semiconductors" by Mr. K. Navaneethakrishnan under Dr. S. Balasubramanian is in the final stage for submission early 1976.

V. Research Seminars :

1) Dr. S. Balasubramanian — Some observations on the photo electric equation (Feb. 1975)

2) Dr. S. K. Mohanlal — X-ray divergent beam techniques. (March 1975)

3) Dr. C. E. Sooriamurthy — Signal Averaging techniques (April 1975)

4) Dr. J. K. Mohana Rao — The study of crystallographic point groups with models (23rd Aug. '75)

5) Dr. K. S. Chandrasekaran — Magnetic separation of colloidal particles (30th Aug. '75)

6) Dr. S. Rajan — Nuclear spin Relaxation and Intermolecular potentials in methane gas mixtures (10th Sept.' 75)

7) Mr. S. Natarajan — Progress of the project on crystal structures of the addition compounds of glycine with calcium halides.

8) Mr. C. Ramesh — Thermal vibrations in crystals (27th Sept. '75)

9) Dr. R. Fatehally — Mossbauer - Bragg Reflection (17th Oct. '75)

10) Mr. E. Palaniyandi — Polarizabilities of hydrogen like impurities in Silicon (25th Oct. '75)

11) Miss S. Kalyani — Space time Relativity

12) Mr. K. Navaneethakrishnan — Localized states in impure semiconductors (15th Nov. '75)

VI. Conferences and Seminars attended by the Staff:

i) Dr. T. M. Haridasan was invited by the International Conference on light scattering in solids, Brazil, July 1975 with full financial assistance to present his research paper.

ii) Dr. S. Balasubramanian delivered the key note lecture at the Seminar on Quantum Mechanics for postgraduate Colleges, Trichinopoly, August 1975.

iii) Dr. K. S. Chandrasekaran and Dr. J. K. Mohana Rao are being deputed by the University to present their research papers at the National Conference on Crystallography, convened by the National Physical Laboratory, New Delhi, December 1975.

iv) Dr. N. Hariharan and Dr. S. Balasubramanian are being deputed by the university to present their research papers at the Symposium on Nuclear and Solid State Physics, Calcutta, December 1975, convened by the Department of Atomic Energy. Dr. C. E. Sooriamoorthy is being deputed by the CSIR for the same Symposium.

VII. P.G. students residing in the Hostel:

	Men	Women
I year	8	1
II year	3	2
Ph. D. Research scholars	5	Nil

VIII. Other General information:

1) The Physics Department, has been selected by the UGC to start a University Leadership Project (COSIP) for the benefit of college physics teachers in this university area, with a financial grant of Rs. 7.84 lakhs for three years.

2) Work on the Atomic Energy Scheme entitled "X-ray diffraction and other physics studies on materials showing phase transitions" with Dr. K. S. Chandrasekaran and Dr. J. K. Mohana Rao as Principal Investigators has been extended for one more year with financial grants by the Department of Atomic Energy.

3) Several of the staff members and research scholars continued to utilise all the major computer facilities in India, such as the CDC 3600 and DEC 10 the TIFR Bombay and the IBM 360 at the IIT, Madras for their advanced research computations for the research papers listed under para II.

4) Dr. N. Hariharan utilised magnetic resonance spectrometer facilities in the Chemical Physics Division, T.I.F.R. Bombay for the advanced research measurements for some of his research papers under para II. Also, Thiru. V. Vijaya Arunachalam had carried out advanced research measurements on NMR at the T. I. F. R. Bombay.

5) A bulletin entitled EXPERIENCE with emphasis on laboratory experiments and practical courses at various levels has been initiated and the first issue, released in March-April 1975 received very warm response from all college physics teachers.

6) The scheme entitled "Physical testing and evaluation of materials for industry", has been continued and so far, during the last about 2 years, 12 consulations have been carried out for 8 organisations. 5 Technical reports were sent to the concerned organisation.

7) Some college physics teachers have started part time research under staff members in Physics Department.

DEPARTMENT OF PHYSICAL ORGANIC AND INORGANIC CHEMISTRY

I. Staff

Professor & Head	:	N. Arumugam, M.A., Ph.D., F.R.I.C.
Reader	:	Thiru C. Natarajan, M.A.,M.Sc.,Ph.D.
Lecturers	:	Thiru V.C. Devanathan, M.Sc., Ph.D.
		Thiru S. Sivasubramanain, M.Sc.,Ph.D.
		Thiru P. Shenbagamoorthy, M.Sc.,
		Thiru M. Raman, M.Sc.,
		Thiru M. Palaniandavar, M.Sc.,

II. Research activities:

A) Organic Chemistry group:-

Members:

Professor Dr.N. Arumugam

Dr. V.C. Devanathan

Dr. S. Sivasubramanian

Mr. P. Shenbagamoorthy

a) *Research work published during the year*:

Reaction of 1 - aryl - 1chloro - 2-nintroso-cyclohexanes with lithium aluminium hydride. Ind. J. Chem. 157-858 (1975)

b) *Research works under print*:

1) Synthesis and stereochemistry of some 2,3 - disubstituted cyclohexanes.

2) Sodium borohydride reduction of 1-phenyl - 2 nitrocyclohexane and 3-nitro-2-phenyl-cyclohex-2en-1-one.

c) *Research works under progress* :

1) Organic stereochemistry

2) Reduction reactions

3) Addition reactions

4) Studies and synthesis of hetereocyclic compounds

5) Kinetics of solvolysis of 1-chloro-2-phney1-2-nitro cyclohexanes,

B) Inorganic chemistry group :

Members :

Dr. C. Natarajan

Mr. M. Raman

Mr. M. Palaniandavar

a) Research work published during the year:

Synthesis of substituted 2-peperidons.

Ind.J. chem. 13, 426 (1975)

b) Research work under progress :

1) Synthesis and spectra of metal complexes with substituted chalcone oximes.

2) Oxidation of aryl methyl sulphides with potassium bromate.

3) Stabilities of metal chelates with o-anisic acid and substituted o-anisic acids.

3. **Courses conducted in the Department and enrolment :**

	Men	Women	Total	B. C.	S. C./ S. T.	Others
P. G. Course: :						
I Year	14	3	17	9	1	7
II Year	2	1	3	3	—	—

4. **Research Scholars:**

Name of the scholar	Name of the supervisor	Degree for which regd.	Topic of research	Scheme under which working	Works published	Whether thesis submitted	Whether declared for the degree
Mr. M. Gandhirajan	Prof. N. Arumugam.	Ph. D.	"Studies in alicylic systems"	UGC	...	...	...
Mr. S. Selvaraj	-do-	Ph. D.	...	Univ.	...	...	...
Mr. M. Athappan	Dr. C. Natarajan	Ph. D.	...	Univ.	...	...	...

In addition, the staff members Mr. M. Raman and Mr. N. Palaniandavar are also doing research for the Ph. D. Degree. The former is working under the supervison of Professor N. Arumugam and the later is under the supervison of Dr. C. Natarajan.

5. Any other general informations:

Thiru S. Sivasubramanian, lecturer in Organic Chemistry who worked under the guidance of Professor N. Arumugam, submitted in 1975 his Ph.D. thesis entitled "Chemistry of hetereocyclic compounds" which was duly approved. Mr. P. Shenbagamoorthy who also worked under the supervision of Professor N. Arumugam has also submitted his thesis entitled "Studies and synthesis involving addition reactions" for the award of the Ph.D. degree.

DEPARTMENT OF NATURAL PRODUCT CHEMISTRY & PHYSICAL CHEMISTRY

I. Staff:

1. *Professor & Head of the Department*:

   Dr. S. Neelakantan, M. Sc. Ph.D., F.R.I.C., Dip. in French, Dip. in Russian

2. *Reader* :

   Dr. N. R. Subbaratnam, M. Sc., Ph. D.

3. *Lecturers* :

   Dr. K. Venkatarao, M. Sc., Ph. D.
   Dr. P. V. Raman, M. Sc., Ph. D.
   Dr. V. Narayanan, M. Sc. Ph. D.
   Thiru U. Chandra Singh, M. Sc.
   Thiru S. Rangaswamy, M. Sc.
   Dr. V. R. Vijayaraghavan, M. Sc., Ph. D.

4. *Micro - analyst*:

   Dr. N. Thillaichidambaram, M. Sc., Ph. D.

II. Research:

1. *Fields in which research activities are directed*:

   (i) Isolation and characterisation of plant pigments.
   (ii) Synthesis of natural products.
   (iii) Synthesis of quinonoid compounds of therapeutic interest.
   (iv) Protective groups for polyphenolics.
   (v) Charge transfer complexes and Photochemistry.
   (vi) Kinetics of chemical reactions.
   (vii) Study of coordination compounds.

2. *Research papers published during the year or under publication:*

a) S. Muhamed Kasim, S. Neelakantan and P. V. Raman- Chemical examination of the flowers of *Pedalium murex*-*Current Science*, 1975, 44, 383.

b) S. Muhamed Kasim, S. Neelakantan and P. V. Raman - Chemical components of Indian medicinal plants (*Thespesia populnea* wood and *Calycopteris floribunda* flowers)- *Current Science*, 1975, 44, 888.

c) S. Neelakantan and N. Thillaichidambaram-Spectrometric estimation of the antitubercular compound usnic acid-(under publication)

d) S. Kannan, A. Raghavendran and N. R. Subbaratnam - Charge transfer spectra and donor-acceptor interaction between an n - donor and pi-acceptors; tetramethylthiourea and 1-substituted 2, 4, 6-trinitrobenzenes, (communicated).

e) S. Kannan, A. Raghavendran and N.R. Subbaratnam, Charge-transfer interaction between 1 - piperidine thiocarboxanide and trinitrobenzenes, communicated)

f) G. Karthikeyan, A Raghavendran and N.R. Subbaratnam- Charge - transfer complex between hexmethylbenzene and naphthaquinones (communicated).

g) U. Chandra Singh and K. Venkatarao - Decomposition of peroxy-disulphate in aqueous alkaline solution, Journal of Inorganic and Nuclear Chemistry (communicated).

h) U. Chandra Singh aud K. Venkatarao-Decomposition of peroxy-disulphate in aqueous medium catalysed by hyderogenions-Journal of Inorganic and Nuclear Chemistry (communicated).

III Research Scholars :

No.	Name of Scholars	Name of Supervisor	Scheme under which working
1.	S. Muhamed Kasim (till 17.7.75)	Dr. S. Neelakantan	U.G.C. Scholarship.
2.	S. Ramasamy (till 13.11.75)	-do-	University Stipendiary
3.	C. Seshu Sekhar Rao	-do-	-do-
4.	V. Eswaran	-do-	-do-
5.	S. Rengasamy	-do-	-do-
6.	U. Chandra Singh	Dr. N.R. Subbaratnam & Dr. K. Venkatarao	-do-
7.	G. Karthikeyan (till 11.10.75)	Dr. N.R. Subbaratnam	University Stipendiary.
8.	M.S. Ramachandran	-do-	-do-
9.	P. Venuvanalingam	-do-	Non - stipendiary

IV. Conferences/Seminars attended by the Staff of the Department :

Dr. N.R. Subbaratnam attended a Workshop on job-oriented education and Community Colleges at the American Cultural Centre, Madras, on August 21 and 22, 1975 as a delegate of the university.

V. Other information:

Thiru A. Raghavendran, who submitted a thesis entitled "Studies in chemical spectroscopy with reference to charge transrer spectra of some molecular complexes", was awarded the degree of Doctor of Philosophy of the Madurai University in September 1975.

Professor S. Neelakantan and Dr. V. R. Vijaraghavan delivered lectures and conducted laboratory work for the M.Sc. (Molecular Biology) course of the Madurai University during the first semester of this year. The course is offered in the Department of Biological Sciences of this university.

DEPARTMENT OF BIOLOGICAL SCIENCES

STAFF:

S. Krishnaswamy, D.Sc., F.A.Sc. Professor & Head of the Department	(Biology)
A. Gnanam, Ph. D. Professor of Botany	(Plant Physiology)

Readers:

S.V. Job, Ph. D.	(Animal Physiology)
M.N. Kutty, Ph.D.,	(Fish Physiology)
M. Lakshmanan, Ph. D.	(Microbiology)
J. Jeyaraman, Ph. D.	(Biochemistry)
Vr. Muthukaruppan, Ph. D.	(Immunology)
Mrs. K. Jeyaraman, Ph. D.	(Molecular Biology)
R. Jayaraman, Ph. D.	(Molecular Biology)
M.K. Chandarasekharan, Ph.D.	(Chronobiology)
R. George Michael, D.Phil	(on lien, at NEHU,) Shillong)

Lecturers:

D. Padmanabhan, Ph.D.	(Plant Taxonomy & Development)
G. Kulandaivelu, Ph.D.	(Plant Physiology)

Name of the Unit Molecular Biology

Readers :
1. Dr. (Mrs) Kunthala Jayaraman, Ph.D.
2. Dr. R. Jayaraman, Ph.D.

Senior Research Fellows: (Post Doctoral)

1. Dr. Hari S. Sinah, Ph. D.
2. Dr. Anil K. Goel, Ph.D.
3. Dr. Sohel Talib, Ph.D.

Junior Research Fellows : (Predoctoral)

1.	Miss. N. Vasantha	C.S.I.R. Jr. Fellow
2.	Miss. R. Christy M. Susheela	UGC Jr. Fellow
3.	Mr. T. Herbert Manoharan	UGC Jr. Fellow
4.	Mr. R. Balakrishnan	DAE Jr. Fellow
5.	Miss. Satwant Kaur	C.S.I.R. Jr. Fellow
6.	Mr. R. Kannan	UGC Jr. Fellow
7.	Mr. M. Abdul Jabbar	C.S.I.R. Jr. Fellow
8.	Mr. N. Sivasubramanian	Tamil Nadu Govt. Scholar
9.	Miss. K. Meenakshi	Tamil Nadu Govt. Scholar

Research Activitities:

Projects under Dr. (Mrs) Kunthala Jayaraman:

1. Molecular mechanisms of sporulation in Bacillus Polymyxa.
2. Molecular machanisms in differentiation in Artemia Salina.
3. Genetics of Hydroxy Proline catabolism in Pesudomonas.

Projects under Dr. R. Jayaraman :

1. Genetics of RNA Polymerase in **E.coli**
2. Thiolutin resistance in E. coli in relation to RNA Polymerase structure and function.

4. Genetic studies are being pursued in order to understand the exact role of this complex in sporualtion. A set of transcriptional mutants blocked at various stages of sporulation mutants have been isolated and characterised. These mutants have an altered antibiotic synthesising complex.

In collaboration with Oxford University, we have been able to establish the "Resuspension" technique in which bacteria grown in rich medium, on transfer to poor medium sporulate within a span of eight hours. The phenomenon of sporulation is unique in that an asymmetric septation occur at initial stage. The involvement of mucopeptide synthesis in sporulation was studied by using Penicillin as a probe. These results indicate that mucopeptide synthesis is essential at stage II - III for sporulation to proceed to completion.

Molecular basis of development and differentiation in Artemia salina:

Activation of the cryptobiotic embryos of *A. Salina* provides an ideal system to study the sequential release of developmental triggers during pre-emergence phase leading to terminar morphogenetic events of the post-emergence development. Our preliminary histological studies revealed that the embryos were under preparation for the intense mitotic activity following emergence and there was no marked cytological change during pre-emergence development. Early period of activation was marked by extensive and rapid labelling of AMP in the acid-soluble nucleotide pool and alkaline hydrolysate of nucleic acid species. New synthesis of RNA species, both of stable and messenger types was detectable only after emergence implicating that pre-emergence development was monitered by preformed messengers. During the early development, polyadenylated RNA species were localized in the particulate fraction sedimenting at 16,000 rpm and their location shifted to the soluble fraction as development proceeded. Our results indicated that activation of preformed messengers was through the rapid degradation of their adenylated termini, initiated by a phosphyorylation step, thus enabling their transposition to the cytosol. Currently we are interested in the characterization of the RNP complex of the dormant and activated embryos.

Genetics of RNA polymerase in E. coli:

The principal aim of this project is to obtain conditional lethal (temperature sensitive) mutants in the various subunits of RNA polymerase. We are particularly trying to isolate sigma mutants. There is no direct selection procedure available to detect polymerase mutations. One can, of course, select mutants resistant to drugs like rifampicin and streptolydigin which inhibit RNA polymerase by binding to one of the subunits. Such mutants have been isolated previously. We are searching for polymerase mutants among many **ts** mutants

which we have isolated in this laboratory. These are first picked up as non-growers at 42 and then screened for the ability to support the growth of T4 phage at 42°. Among the 100 **ts** mutants which we isolated about 15 failed to support phage growth at 42°. However, most of these turned out to be defective in the assembly of the phage DNA into virus particles, since treatment with small amount of EDTA makes them 'escape' the temperature inhibitions. Among our isolates one mutant did not escape. We are now concentrating in the properties of this mutant. 17 growth in this mutant escapes temperature inhibition if the infected cells are shifted to 42° five minutes after infection. This suggests that once the 17- specific RNA polymerase is synthesised there is no temperature effect. So the original mutation, in all probability, is RNA polymerase mutation. B- Galoctosidase is not inducible in this mutant at 42°. We are now attempting to understand the nature of the mutational lession and also map its locus genetically.

Thiolutin resistance in E. coli in relation to RNA polymerase structure and function:

To reveal the details of transcription control at the fine level and to study the interaction and synthesis of different components (subunits) of transcription mactrusery (RNA-polymerase) we have done - some preliminary genetic and biochemical experiments in Escherichia coli. We have isolated four mutants resistant to the antibiotic THIOLUTIN, which has been reported as an inhibitor of "elongation" of RNA chains. Experiments on B - galacto-sidese induction with Thiolutin, Rifampicin (initiation inhibitor) and Streptolydigin (elongation inhibitor) with parent strain (sensitive to thiolutin) reveal that the drug Thiolutin is not an "elongation" inhibitor but might be an "initiation" inhibitor. The non specific inhibitory nature of Thiolutin (inhibitor of nucleotide kinases) has been ruled out, since the drug elicits inhibiton at different times of T4 and T7 bacteriophages development. These results suggest the target of the drug might be only at the initiation step of RNA synthesis. In vitro experiments using RNA polymerase isolated from parent strain fail to show the inhibitory action of drug. Probably, the factors (targets of Thiolutin) might have been labile and so removed during the isola-tion procedure. Currently, we are trying to map by conjugation the loci which confer resistance to thiolutin.

Visits Abroad :

1. Dr. (Mrs) Kunthala Jayaraman visited the University of Oxford for 6 weeks during Nov. — Dec. 1974 under the Indo - British exchange programme.

2. Dr. (Mrs) Kunthala Jeyaraman visited Copenhagen (Denmark) for presenting a paper at the International Conference on Differentiation in Sept. 1975.

3. Dr. A.K. Goel has gone to University of Oxford in Nov. 1975 under the Indo-British exchange programme.

Conferences and Symposia attended :

1. Dr. (Mrs) Kunthala Jayaraman presented a paper at the International Conference on Differentiation held in Copenhagen in Sept. 1975.

2. Dr. R. Jayaraman was an invited speaker at the Annual Meeting of the Biochemical Society, Indian Institute of Science, Bangalore in August, 1975.

Symposia, Workshops, Meetings etc :

1. A symposium on Recent Trends in Molecular Biology in India, was held in Feb. 1975 sponsored by the USEFI, UGC and Madurai University. This was attended by 15 Scientists and 25 Junior level research workers from all over India. Dr. Clifford Brunk (USA) was the American participant. The faculty and students of the Dept. of Biological Sciences, Madurai University also participated.

2. A ten day workshop on Molecular Genetics was held in July 1975 sponsored by the USEFI and Madurai University. Besides the local students, about 20 students and college teachers from all over India participated.

3. An Indo-Hungarian Colloquinm is being organised by the laboratory. Six Scientists from Hungary and about 15 from all over India lare expected to participate. This is scheduled to take place in January, 1976

Foreign Collaboration Programmes :

A collaboration between Madurai University and Oxford University of England has started functioning. This will be in the area of bacterial

sporulation and would involve exchange visits from both sides. Under this scheme, Professor Joel Mandelstam has visited Madurai twice and Dr. Mrs Kunthala Jayaraman has visited Oxford twice. Dr. A.K. Goel has recently gone to Oxford under this scheme. His counterpart from Oxford Dr. Michael Young, is expected to arrive soon in Madurai.

Papers published:

1. Transcription of bacteriophege T4 DNA **in vitro**

   Haterogeneity of RNA Polymerase in crude extracts of normal and T4-infected E.coli D.

   M.P.Pitale and R. Jayaraman-Biochemistry 14. 1265, 1975.

2. Thiolutin resistants of E. coli. Are they RNA initiation mutants?

   N. Sivasubramanian and R. Jayaraman

   Molecular & General Genetics - in press.

3. Mechanism of messanger activation in Artemia Salina - Christy M. Susheela and Kunthala Jayaraman.

   Differentiation-in press.

4. Dr. A. K. Goel, Mr. R. Balakrishnan, Mr. R. Kannan and Miss. Satwant Kaur presented brief reports on their work at Annual Meeting of the Association of Microbiologists of India held at Rishikesh in October, 1975.

High Lights:

A new 2 year M. Sc programme in Molecular Biology has been started since 1974. Students with undergraduate training in Physical Sciences are admitted to this course on a national basis. They receive a stipend of Rs.150/- per month. During the first year they are taught the 'core' subjects like basic Biology, Physics, Chemistry, Mathematics, Biochemistry, Cell and Microbiology, Genetics and Experimental Techniques. During the second year they are taught Molecular Biology, Molecular Genetics and Virology in depth. The faculty involved in this programme are from the Department of Biological Sciences and Department of Chemistry of Madurai University, American College and Madura College. Guest lecturers are invited from all over the country to teach selected areas. Visitors to the Department (foreign as well as Indian) also deliver lectures. This is the first course of its kind in India.

Brief Report of Research Activities:

Molecular events during sporulation in B. polymyxa:

Earlier work from this group has shown that the antibiotic (polymyxin) synthesising complex is in association with membrane - bound DNA during vegetative growth and that this association is lost during sporogenesis.

1) Further elucidation of this antibiotic synthesising complex using affinity chromatography has confirmed its specific affinity for DNA.

2) The changes in the molecular conformation of this complex during sporulation have also been studied with the help of gel electrophoresis.

3) The binding of polymyxin to the antibiotic synthesising complex has been found to be of homotrophic and allosteric nature ascribing a regulatory role for polymyxin in sporulation.

BIOCHEMISTRY UNIT

READER : Dr. J. Jayaraman

Post doctorals : Dr- C. Damodaran

: Dr. Miss. Hannah Sulochana

Teacher candidate : Miss. Sarojini Menon

Mr. K. Chandrasekar

Mr. S.N. Ambudkar

Mr. T. Somasundaram

Mr. G.N. Chandrasekaran

JRFs: Mr. D. Rajaji

Miss. Indu Bashyam

Miss. V. Sampoorani

RESEARCH WORK:

(Mr. Gunasekaran and Miss. C. Vijayalakshmi (Project workers)

a) Mitochondriogensis in Yeast: (K. Chandrasekaran and T. Somasundaram)

The interaction between nuclear and mitochondrial genetic system is being extensively studied, using S. *cerevisiae* (Yeast) as the experimental system. Demonstration of the complementation of products made by the two systems independently has given as an opening a) to study membrane - membrane interaction and b) to temporally sequencing the events leading to mitochondrigenesis.

B) Mitochondrial genetics : (Mr. Gunasekaran)

A newly intiated where we are looking for a mitochondrially localised mutation which makes the cell the resist the repressive effects of glucose.

C) Membrane Dynamics in Bacteria : (S.V. Ambudkar and G.N. Chandrasekaran)

Using E.coli. and B.polymyxa as experimental organisms the changes in the membrane composition (functional as well as structural) in relation to cellular events are being studied.

D) Comparative mitochondriologyt : (Miss. Hannah Sulochana, Miss. Indu Bashyam, Miss. Sampoorani and Miss. C. Vijayalakshmi)

A continuing programme of scanning the mitochondria isolated from the musolo of several diverse organisms, aims at charting out the characteristics in relation to the known physiology of the animals and their intoractions with the environment.

E) Lipos mes (D. Rajaji) Technique are being standardised for the preparation and study of leakage of iron from artificial membrane preparations called liposomes. These model systems will be exploited to understand energy transduction phenomena in membranes.

F) Toxicity of the Citrin : (Dr. C. Damodaran)

The mechanism of the fugal toxin citrinin is being pursued, using a variety of biological phenomena as systems.

Visits abroad :

Dr. J. Jayaraman, spent four months in U.S. as a Fulbright Seminar Fellow. During his trip, he visited a number of laboratories in Europe and USA and gave seminars.

Conferences and symposia attended :

Mr. K. Chandrasekar, Mr. S. V. Ambudkar and Mr. T. Somasundaram attended the Annual Meeting of the Association of Microbiologists in India" held at Rishikesh, in November 1975 and presented their papers.

List of papers published during 1975 :

1. Cell Cycle and Mitochondrial Cycle

   -T. Somasundaram, K. Dharmalingam and J. Jeyaraman in Regulation and Growth of Differentiated function in Eukaryote cells. Ed. G. P. Talwar, Raven Press, New York 1975.

2. Respiratory capacity and calcium accumulating properties of some quatic arthropods.

   -G. V. Honnappa, Hannah Sulochana and J. Jayaraman Jour. Biol. Vol. **8**.

3. Application of gel filtration technique for the estimation of Cardiolipin.

   -N. Murugesh and J. Jayaraman. Ind. Jour. Biochem. Biophys. **12**, 67 (1975)

Highlights :

The Third Certificate Course in Biological Chemistry were organised during the summer of 1975. 17 College teachers from all over India attended the Course.

DIVISION OF PLANT SCIENCE

1) Staff:

Professor: Dr. A. Gnanam

Lecturers : Dr. D. Padmanabhan
Dr. G. Kulandaivelu

Senior research fellow : Dr. R. Selvam

Junior research fellows :
Mr. A.G. Govindarajan, Mr. K. Francis, Mr. G. Giridhar Miss G.M. Indira, Mr. Habib Mohamed Sadagathullah, Mr. M. Krishnan, Mr. S. Seeni, Mr. R. Balasubramanian, Mr. R. Arumugham.

2) Research Work in Progress :

i) A project on **in vitro** and **in vivo** complementation of protein synthetic studies with chloroplast under a PL-480 (USDA) scheme is being continued.

ii) Plant leaf cell culture with special reference to chloroplast development under CSIR scheme is initiated.

iii) A new U.G C. sponsored project on the ammoniumion mediated regulation of photosynthetic carbon flow was initiated during the year under review.

iv) The International Foundation for Sciences, Stockholm, sponsored a project on the 'Study on C_4 photosynthetic aspects in leguminous plants' was also initiated.

v) In addition, a JRF is working on the nucleic acid metabolism associated with chloroplast development in **Sorghum** leaves under a COSIP Leadership project oriented research scheme for teachers.

vi) An U. G. C. sponsored JRF is studying the protein components of chloroplast outer envelope.

3) Brief Report of Progress:

During the year under review, additional informations regarding the site of synthesis, distribution and assembly of various photosynthetic enzymes in **Sorghum** leaves have been accumulated. Based on these studies a Ph.D. thesis was submitted to the University.

Earlier another Ph. D. was awarded to one of the associates of this division on his 'Studies on Organelle Interaction'

The nature of the product of **in Vitro** protein synthesis by isolated chloroplasts has been determined using directed analytical procedures as well as acrylamide gel electrophoresis.

A new facility for tissue culture has been developed. Both leaf discs and isolated leaf cells were grown in synthetic media successfully and new plantlets from those tissues were developed. Optimal conditions for chloroplast development under these culture conditions were determined.

Work on the understanding of the mechanism of ammonium ion mediated regulation of carbon flow is underway.

4) Visits Abroad :

Dr. A. Gnanam, Professor and Head of the Unit, had visited France between May 14th and July 20th, 1975, under the Indo - French Cultural Exchange Programme. He also visited the United Kingdom under a British Council Visitorship programme for 3 weeks. In addition, as a special invitee he visited Belgium and West Germany.

Dr. G. Kulandaivelu, Lecturer in this Unit, has joined back the laboratory after more than 2 years of advanced training in West Germany and the United Kingdom on October 1st, 1975. He had widly travelled stay in Marburg, West Germany.

5) Conferences and Symposium attended:
In India :-

i) Symposium on the photosynthetic systems and crop productivity at I. A. R. I., New Delhi, from the 23rd to the 25th October, 1975.

ii) All India Symposium on Form structure and function in plants at Anand, from 27th to 29th Oct., 1975.

iii) Cell Biology Conference, Delhi University, from 25th to 27th December, 1975. (Mr. K. Francis, a JRF, will attend).

iv) Annual meeting of the Plant Physiologists Society of India and the Indian Science Congress at Waltair, from 2nd to 7th January, 1976 (Dr. A. Gnanam will attend).

Abroad :-

i) French Society of Plant Physiologists, Grenoble, France, from 2nd to 4th June, 1975.

ii) Workshop on the Development of the photosynthetic apparatus in algae and higher plants, at Marburg, West Germany, form 13th to 15th July, 1975 (both Dr. A. Gnanam and Dr. G. Kulandaivelu attended).

iii) A pre-FEBS meeting on Organanelle biogenesis, in Paris, France, from 17th to 19th July, 1975.

6) Symposia, Workshops, and Meetings held :

A 3 day workshop on the Biophysical aspects of Photosynthesis will be held in the unit in the month of March 1976.

7) Foreign Collaboration Programmes :

The International Foundation for Science, Stockholm, has given $ 6,000 - per annum, extendable for 4 years. A PL-480 (USDA) scheme is under way.

An Indo-French collaborative programme is under negotiation.

8) List of papers published during 1975 :

i) Kulandaivelu, G. and A. Gnanam (1975) Physiological studies on isolated leaf cells. Effect of growth regulators and herbicides on photosynthetic partial reactions. Physiol. Plant. 33 : 234-240.

ii) Vivekanandan, M. and A. Gnanam (1975) Physiological studies on isolated mesophyll cells of *Canna edulis* Ker. Indian J. of Experimental Biol. 13. 30-33.

iii) Vivekanandan, .M. and A. Gnanam (1975) Studies on the mode of action of aminotriazole in the induction of Chlorosis. Plant Physiol. 55 : 526-531.

iv) Vivekanandan, M. and A. Gnanam (1975) Studies on the effect of aminotriazole on aminotriazole on chloroplast development in *Phaseolus radiatus* L. Current Science. 44 : 842-845.

v) Gnanam, A. and N. Seetharama. Autonomy of Organelles Biochemical Reviews - J. of Scientific and Ind. Res. (under publication)

vi) Seetharama, N. and A. Gnanam. *In vitro* protein synthetic studies with *Vernonia* chloroplast. I Charaterization. Biochem. Biophys Acta. (submitted for publication).

vii) Seetharama, N. and A. Gnanam. *In vitro* protein synthetic studies with *Vernonia* chloroplast. II. Identification of products of *in vitro* protein synthesis by isolated chloroplasts. Biochem. Biophys. Acta. (Submitted for publication).

viii) Francis, K and A. Granam. Evidence for the accumulation of subunits of RUDP-carboxylase in *Sorghum*. (Submitted for publication).

PLANT DEVELOPMENT AND TAXONOMY SUB-UNIT

Staff : Dr. D. Pamanabhan (Lecturer)

Research work in progress :

1. Studies on leaf transition from juvenile to adult condition in palms.

2. Studies on histochemistry and embryo development in *Sesamum indicum.*

3. In vitro culture of endosperm in *Abelmoschus* sp.

4. Taxonomic studies on *Rhyncosia* species occurring in Madurai and Ramnad districts of Tamil Nadu.

Brief report on research work :

1. The histogenic and ontogenetic aspects of transition from juvenlie to to the adult leaf from in *Phoenix dactylifera* has been studied. Interesting details of the behaviour of the Haut during this transition and the consequent changes in its ontogeny have been worked out.

2. The histochemical aspects of embryo differentiation in *Sesamum* are being investigated to gain an insight into the phenomenon of embryo differentiation in flowering plants.

3. Cultures of young seeds of *Abelmoschus* have been raised and the young endoperm tissus was observed to outgrow the embryo and push out of the seed. Sub-cultures of the tissue are viable. Histological and cytological studies are being made on this tissue mass.

4. The prolific occurrence of *Rhynchosia* in specific endomic localities in Madurai and Ramnad districts is interesting. Taxonomic studies on specimens collected from these areas are being done in order to identify the limits of variability and the possible prevalence of sub-species races.

Papers published:

1. Experimental induction of 'Intercotyledonary internode' in mature embryos of *Azadirachta indica* - A. Juss. Curr. Sci 44 : 402.
2. Some rare axillary shoots in *Phoenix syslvestris* L. Principles (U. S. A.) (In press).
3. Anatomical and morphological studies on phyllody in four species of dicotyledons from Madurai. J. Indian Bot. (Submitted).
4. Studies on bud initiation in little leaf affected stem of *Solanum melnagena* L. Phyton (Austria) Submitted.

Name of the Unit	MICROBIOLOGY
Staff	Dr. M. Lakshmanan, M. A., M. Sc., Ph. D. Reader
Research Scholars	S. Shanmugasundaram, M. Sc., P. M. D., CSIR Senior Research Fellow
	S. Kathirvel Pandian, M. Sc., CSIR Junior Research Fellow
	M. Aarockiarajulu, M. A., M. Sc., Non-stipendiary Research Scholar
	M. G. Ganeshan, M. Sc., P, M. D. UGC Junior Research Fellow
Research Work in Progress	Blue-green algae and their relationship viruses and Host-parasite, /Soil Microbiology, and Medical Mycology

BRIEF REPORT OF PROGRESS:

Blue-green algal viruses :

Transfection studies with the Blue-green algal virus AS-1 was carried out. *Anacystis nidulans* which has been hitherto considered as an

obligate photoauthtroph was grown in dark heterotrophically. Ultrastructural changes of *Anacystis nidulans* during viral development was studied. The virus develops on the thylakoid membranes thereby restricting itself to the periphery like LPP-1 rather than in the center. A thesis incorporating the above findings is being prepared.

Little leaf Diseases :

We have established the compatible and non-compatible grafts. In the compatible system when diseased scions are grafted over healthy stock induction of little leaf leaves could be noticed, whereas in infected scions are non-compatible system when infected scions are grafted over healthy stock the induction of roots could be observed. The non-cultivable little leaf diseased plants are successfully cultivated through vegetative propagation and by treating them with hormones.

Host-parasite relations :

Host-parasite relationships with special reference to wilt disease of cotton the possible presence of a second toxin has been established. The isolation and biological activity of this intersting phytotoxin is being current worked out. In bacterial blight of black gram the isolated leaf cell metabolism with reference to photosynthesis has been studied. The possible role of bacterial toxin is being currently worked out.

Soil Microbiology:

The microbial population of South Indian soils have been analysed. Twelve antibiotic producing actinomycetes have been isolated. Two of them are very effective antifungal actinomycetes. Four new species of streptomyces have been isolated and are being identified as per the regulations prescribed by the International Streptomycete Project

Medical Mycology:

Studies on Rhinosporidiosis the mycotic infection of human beings are continued. Ultrastructural studies have been carried out which indicated the possibility of the spherrule being the initial inciting agent of the disease. Further work on these lines and also the cultural process using human cell culture has been submitted to Research Corporation, USA.

Visits Abroad:

Visited the University of Saskatchewan, Saskatoon, Canada under the CIDA-NRC Research Programme.

Visited University of Chicago, University of California (Berkeley Campus).

Conferences and Symposia attended:

Attended Cell Biology Conference and presented at the University of Delhi, Delhi - Dr. M. Lakhsmanan.

Attended the 16th Annual Conference of the AMI, held in Rishikesh, India, 1975- M.G. Ganesan.

List of papers published during 1975 :

1. Effect of Citrinin on *Anacystis nidulans* Richter Indian Journal of Microbiology. 1975 15 No: 1, 35-36
2. Photosynthetic changes in Fusarium - infected cotton (accepted fo publication in can J. Botany).
3. Poly (A) containing RNA in the blue-green alga *Anacystis nidulans* (communicated) FEBS Letters (in collaboration).
4. Possible role of small-circular DNA in *Anacystis nidulans* (communicated) Nature (in collaboration).
5. Transfer of nitrogen fixing genes to *Anacystis nidulans* communicated Nature (in collaboration).
6. Utilization of respiratory substrates by *Anacystis nidulans* communicated to Current Science, Bangalore.
7. Histochemistry and Development of *Rhinosporidium seeberi* - in press. Proc.釐nternl. Symp. on Taxonomy of Fungi, University of Madras, Madras, India.
8. Rhinosporidiosis - A chapter in : ENT Diseases in a tropical Environment. Ed. S. Kameswaran, Higginbothams, Madras, India.

Highlights (if any) :

The following were the first report of significance:

1. The presence of poly (A) containing RNA in *Anacystis nidulans*. This is the first report of the presence of Poly (A) in the blue-greens.

2. The presence of small circular DNA has been reported earlier. But its functions associated with the photosynthetic pigments has been reported for the first time from the Microbiology Unit.

3. The transfer of nitrogen fixing genes from filamentous blue-green alga *Nostoc muscorum* to the unicellular *Anacystis nidulans.*

4. Transfection in the blue-green algal viruses system.

5. *Anacystis nidulans* which has been hither to considered as an obligate photoautograph has been heterotrophically grown in the dark.

6. Strainal variations in the blue-green algal viruses AS-1 has been detected and studies on BGAV genetics have been initiated.

7. Effects of non-compatible little leaf diseases scions on healthy stocks and induction of roots at the graft junctions.

8. Isolation of antifungal streptomycetes from South Indian soils.

9. Detection of a second novel toxic metabolite of the fungus *Fusarium vasinfectum*

ANIMAL PHYSIOLOGY AND ECOLOGY UNIT

Staff :

Reader :	Dr. S. V. Job
UGC Junior Research Fellow :	M. Rajamani
Non-stipendiary Research scholars :	M. Subramanian M. Narayanan S. Rajendran V. Kannan

Research Work in Progress :

1. Energy requirements of *Tilapia mossambica*
2. Food requirements and energy utilization in common cockroach.
3. Biology of an inland crab with reference to its calorific turnover.
4. Limnology of Cathiar: a fresh water impoundmedt
5. Study of food transformation in multispecies laboratory populations of fish.

Report of Progress :

Project 1. Is nearing completion. The overall uptake of food in Tilapia was inversely related to size of the fish. The rate of absorption was inversely size proportional but was also conditioned by rate of feeding. Conversion efficiency decreased with increasing size. The higher conversion efficiency of the smaller fish was due to its lower maintenance requirements.

2. In the cockroach forced fiying caused a steady decline in the body constituents although there was an increase in the amount of food consumed.

3. The land crab population allowed a continuous flow of energy drawn from several trophic levels. In tagging experiments there was a 15% recovery.

4. Primary production was high in Sathiar reservoir. Also the diurnal change in dissolved Oxygen was showing marked shifts.

5. In monospecies expeiiments it was found that fish consume more food when they are made to compete for it. Artificial food passed through the gut in about 6-7 hours in Tilapia.

Publications :

1. Laboratory studies in fish energetics and their application to aquaculture (In press) Indian J. Fish.

2. Accessory respiration in the climbing perch. *Anabas scandens* (In press) Hydrobiologia

3. (with Rajamani) Energy turnover in *Tilapia mossambica* (in press) Hydrobiologia.

ECOLOGY UNIT

Staff :

a) Professor	S. Krishnaswamy
b) Reader	R. George Michael (on lien)
c) Research Associates	B. Thayumanavan (since resigned in Nov. 1975)
	N. T. Chellappa
	G.A. Nair
d) Junior Research Investigators	Miss M. Radha
	D.N. Tagore Jeyasingam
	K.R. Santharam
	H. Abdul Kader
	P. Navaneethakrishnan

Research work in progress

"Biological Productivity in Tropical Lakes of South India"
Studies on the primary productivity of different ponds and lakes in and around Madurai and also the biology of different primary and secondary consumers found in these systems, the preypredator relationships and the energy cycles in various freshwater habitats are in progress. We hope to present a model of the functioning of freshwater ecosystems in the tropics, when our studies are completed.

Brief report of progress

"Studies on Dissolved and particulate organic matter"

Primary productivity has been studied over a long time. Though many factors are known to interact and affect the productivity, it is not clear how they affect or are correlated to each other. Hence different variables have been measured in a system at two different depths - surface & bottom; and have been compared. Apart from seasonal variations in productivity values, a diurnal rhythm has been shown using tracer techniques. A phase difference between Carbon Fixation and Release, release and the bacterial utilization has also been shown in these pond systems.

Further work is in progress to find out whether these phase differences are seasonal or not.

Freshwater Algae :

Algae is an important component of flora in the Freshwater ponds. The importance of periphyton algae to primary productivity is not fully recognized for a tropical system. A beginning has been made in the systematic study as well as primary productivity. Both living and non - living substarata have been chosen to know the type of algae group growing epiphytically on these. In the living substratum, i.e. *Eriocaulon* sp. (aquatic angiosperm) the following algae are found to grow;

1. *Lyngbya martensiana*
2. *Oscillatoriasancta*

3. *Scytinema rivulare*
4. *Zygnema globosum*
5. *Achnanthes* sp.

and in non - living substrata like small stones and dead woods following genera were recorded :

1. *Nostoc commune*
2. *Glucourichia intermedia*
3. *Phormilium sp*
4. *Anabaena sp*

A simple experiment was conducted to assess the primary productivity by aquatic angiosperm, *Eriocaulon* sp. and periphyton algae. ^{14}C bicarbonate up take has clearly shown that the aquatic angiosperms assimilates carbon at 6.016 mg/day/cm^2 whereas the algae contributes only 0.161 mg/ day/ cm^2.

"Biology of Spicodiaptomus chelospinus Rajendran"

The freshwater calanoid copepod, *spicodiaptomus chelospinus* is one of the largest found in Indian waters. It is a primary consumer and secondary producer in the pond ecosystem.

The seasonal abundance, species association and the feeding propensities were worked out in 3 ponds around the University Campus for the past 2½ years. Its food and feeding habits were studied under laboratory conditions. Studies on the effect of different biocides, production of faecal pellets and formation of peritrophic membrane were also carried out. It is proposed to study the filtering rate of these copepods using micronic beads under laboratory conditions and the respiratory rate.

The occurrence of a new habitats termed "argillotrophic" was recorded for the first time in India at Madurai area. This habitat is characterised by the complete absence of phytoplankton, presence of low zooplankton species association, turbidity and alkalinity. This is the fourth record of such a habitat in the world.

"Biology of Daphnia carinata king"

The seasonal abundance and species association in 3 astatic ponds in and around University campus were studied over a period of 2½ years. Studies on fecundity rate, food and feeding habits, respiratory rate and some other behavioural aspects are being studied under laboratory conditions.

"Studies on Ephemeral rain pools"

The rain pools pose a very interesting and puzzling problem for aquatic biologists. The formation, development, senescence and disappearance of the rain pools and their associated faunal composition are being studied.

A phase of dormancy in the life cycle is known in most group of animals. The diaptomid copepods produce resting eggs and the fauna includes unusually large species *Spicodiaptomus chelospinus*, *Heliodiaptomus viduus* and *Rhinediaptomus indicus*. The reason for this may be adaption for life in an unstable habitat where re-establishment of a population depends largely on survival of resting eggs during the dry phaes of the habitat. The clutch size of the copepods are greater in these pools. The cyclopoids are represented by two species : *Mescoyclops leuckartii* and *M. hyalinus*. *M. leuckartii* encyst as copepodids and adults in these habitats to tide over the unfavourable drought conditions. These stages tolerate dessication. The copepods of these habitats are comparatively greater in size than the animals in the permanent habitats. The reason for the greater size attained in ephemeral pools could be attributed to a more favourable trophic situation. The fertility of the rain pool is well-known. Further more, the veritable soup of animals that perish few hours before a rain pool disappears may leave a legacy of nutrients for the next pool to be known when it rains. Also the trophic structure of turbid, ephemeral pools may be argillotrophic and this could be favourable for crustacean growth. It is very interesting to study the animal

succession of these pools because adult cyclopoids and nematods emerge out immediately after the rains.

In rain pools, life is a race against time, often culminating in perishing of thousands of animals in the last hour. Further work is in progress on the faunal composition and succession in these pools.

"Bottom fauna and flora of lakes"

Observations on the benthic flora and fauna of different ponds and lakes, in Madurai were made. Studies were conducted on the two selected ponds, situated on the top of a hill near the University. These studies include the primary productivity of the system and the seasonal abundance in the phyto- and - zooplankton and also the water chemistry. The effect of toxic substances on the various phy to - and - zooplankton found in these ponds including the aquatic mites, were also carried out.

"The Biology of aquatic insects"

This study carried out in the past 2½ years include seasonal abundance, colonization, food, feeding ond prey-predator relationships. These aquatic insects are predators on other fauna and flora. The gut analysis study is carried out for the past 6 months. The colonization aspect under the field conditions using light trap has been carried out. As part of this phase the day time colonization aspect is studied using float traps in the experimental ponds. These float traps are filled with detergent fluid which kills the trapped insects. At the same time the diel periodicity of the colonisation is covered uring light parts, their main food items and zooplankton and to lesser extent phytoplankton. The prey-predator relationships are underobservation.

PUBLICATIONS

1. G. W. Saunders, Coffman, W.P., Michael, R.G. and S. Krishnaswamy (1974).

   Photosynthesis and extracellular release in ponds of south India. 19th Int. Congress of eimnology Winnipeg, Canada.

2. M. Radha, Michael, R.G. and Krishnaswamy, S. (1975). The Use of different filters for separating the suspended organi c matters and the dissolved carbohydrate content in four different freshwater ponds.

   Ind. J. Ecol. 2 (1): 75-78.

3. N. T. Chellappa, Abdul Kader, H. and Krishnaswamy, S. (1975).

   On animal and algal association in a freshwater sponge. Science and Culture (In press).

4. N. T. Chellappa Nair, G.A. and Krishnaswamy, S. (1975).

   Preliminary studies on benthic flora and fauna of Madurai.

   Curr. Sci. (in Press).

5. Thayumanavan, B., Chellappa, N. T. and Krishnaswamy, S. (1975).

   Effect of pesticides on primary productivity.

   Indian J. Environmental Health (in Press).

6. N. T. Chellappa, Radha, M. and Krishnaswamy, S. (1975).

   Growth of **Microcystis aeruginosa** Kutz (Cyanophyceae) in culture.

   Indian Biol. (in press).

7. N. T. Chellappa ahd Krishnaswamy, S. (1975).

   Preliminary study on the primary productivity by aquatic angiosperm and periphyton algae.

   Indian J. Ecol. (in press).

8. Abdul Kader, H. and Krishnaswamy, S. (1975).

Observations on the faecal pellet productlon in **Spicodiaptomus chelospinus** Rajendren (Copepoda: calanoida).

Indian Journal of Ecology - Ludhiana.

9. Abdul Kader, H., Thayumanavan, B. and Krishnaswamy, S. (1975). Effect of biocides on **Spicodiaptomus chelospinus** Rajendran (Copepoda : calancida) - communicated to Current Science - Bangalore.

10. H. Abdul Kader, P. Navaneethakrishnan and Krishnaswamy, S. (1975) On the occurence of argillatrophic habitat in Madurai, S. India. Communicated to Internationale Revue der Gesamten Hydrobiologie, W. Germany.

11. H. Abdul Kader, Michael, R.G. and Krishnaswamy, S. (1975) Changes in the feeding propensities of *Spicodiaptomus chelospinus* Rajendran during a diel cycle.

Communicated to Indian Biologist — Calcutta.

12. K. R. Santharam, Navaneethakrishnan, P. and Krishnaswamy, S. (1975). Microaggregation of *Daphnia carinata* king (Cladocera : Daphnidae). — Manuscript.

13. K. R. Santharaman, Thayumanavan, B. and Krishnaswamy, S. (1975) Acute toxicity of some insecticides to *Daphnia carinata* King (Clodocera: Daphnidae). Indian Journal of Ecology (in Press)

14. P. Navaneethakrishnan and Krishnaswamy, S. (1975). A manual on the Identification of freshwater cyclopoid copepods of India (in Press).

15. Navaneethakrishnan, P. and Krishnaswamy, S. (1975)

A manual on the Chemical analysis of soil and water. — under preparation.

16. G.A. Naia, Thayumanavan, B. and Krishnaswamo. S. (P975).
Toxic effect of insecticides on *Hydrachna* sp. — a freshwater mite.
Proc. of Zool. Sec. of Bengal (in press).

17. D.H. Tagore Jeyasingam, J.R.B. Alfred, R.G. Michael and Krishnasamy, S. (1974)
Aquatic insects caught at light in Madurai area S. India
Proc. Indian Acad. Sci. Sei. *80* (*6*) : 281 - 290

18. D.S. Tagore Jeyasingam, Thayumanavar, P. and Krishnaswamy, S. (1975)
The relative voxicties of (insecticides on aquatic insect *Eretes stictious* (Coleoptera : Dytiscidae) — communicated to Indian J. Fish — Cochin.

Name of Unit:	Neurophysiology and Animal Behaviour
Staff:	
Reader:	Dr. M. K. Chandrasekaran
SRF (Pool Officer)	Dr. V. Gopal
JRF:	Mr. R. Subbaraj, M. Sc.,
Non-stipendiary scholar:	Mr. George Thomas, M Sc.,

Research work in progress:

Some preliminary work on the circadian organization in the behaviour of animals and its possible singnificance in the seasonal growth and breeding of several insect, mammalian, reptilian and plant species is under way.

The different lines of investigation which have already started are:

1) Eco-physiology and behaviour of bats (R. Subbaraj).

2) Effect of light and temperature on the circadian rhythms of tropical animals George (Thomas)

3) Studies on circadian rhythms in tropical plants (Dr. D. Padmanabhan).

4) Neural regulation of food and water in take in relation to to behaviour (Dr. V. Gopal).

5) Functional significance of biological clocks (Dr. M. K. Chandrasekaran).

Brief report of progress:

A circadian organization (circa = about., dies = day) in the behaviour of a variety of animals (3 spp. of bats, *Rhtnolophus*, *Taphozus*, and *Megaderma* and a lizard *Sitana*) and plants (*Arachis*, *Canavalia* and *Marselia* has been confirmed since the inception of the Unit which came into formal being with Dr. Mr. K. Chandrasekaran joining the Department in June 1975. Promising trends in the 'period length' and 'phase angle' properties of the 'biological clocks' of these organisms are already in evidence. Methods of studying the rhythms and measuring them are being standardised. Dr. Gopal has put together a basic neurophysiological set up for purposes of demonstration to students of the 'action potentials' in nerves and the muscle twitch.

Conferences and Symposia attended:

In India:
Dr. Chandrasekaran has been invited to give the "guest lecture" on 28th December 1975 at the VIII Annual Conference of the Indian Pharmacological Society to be held in Madras Medical College, Madras and has accepted.

Foreign collaboration programme(s):

A collaborative project for setting up a neurophysiological and behavioural science unit between the Department of Biological Sciences, Madurai University, and the Arbeitsgruppe fuer Neuro-u. Rezeptorphysiologie, of the Department of Zoology, University of Frankfurt has now been sanctioned by the German Research Society (DFG) to the tune of DM. 3,00,000.- and bythe Alexander von Humboldt-Stiftung as a gift to Dr. M. K. Chandrasekaran to the tune of DM. 1,00,000.- (both grants totalling to Rs. 14,00,000) The entire grant comes in the form of equipment made in Germany, Japan and U.S.A. to our unit under the INDO-FRG/UGC scheme. The final details are being processed presently by the UGC. The project is scheduled to start in February 1976.

IMMUNOBIOLOGY GROUP

Dr. VR. Muthukkaruppan, M. A., M. Sc., Ph. D. - Reader

Dr. K. Indravathi	ICMR Research Associate	
RM. Pitchappan	Senior Fellow	(UGC)
S. Jayaraman	Junior Fellow	,,
P. Subramonia Pillai	Junior Fellow	,,
R. Mohan	Junior Fellow	,,
G. Ramila	Junior Fellow	,,
S. Baskar	Junior Fellow	(DAE)

Research Work in progress :

The group has been continuing their studies on the Immunology of lower vertebrates, the garden lizard, *Calotes versicolor* and a teleost, ***Tilapia*** *mossambica*. The following lines of investigation are in progress :

1. Heterogeneity of thymus-derived cells and identification of helper, regulator, cytotoxic and lymhokine producing T- cells.
2. Mechanism and regulation of immune response to sheep erythrocytes.
3. Application of immunofluorescence techniques to identify the origin and differentiation of B-cells.
4. Development of a lower vertebrate model for leprosy research
5. Cytogenetic studies of human population with reference to repeated abortion and leukemia.

Brief report of Progress :

The important findings of the group during 1975 are as follows :

a) The development of immune response to sheep red blood cells (SRBC) has been characterized interms of appearance of RFC, MIF and PFC by varying

the mode of presentation of the antigen. SRBC induced both humoral and cellmediated immune response, but the type and level of response elicited depends on the route, dose and the nature of the antigen: the low dose favouring the development of MIF and high dose predominently resulting in PFC response.

b) RFC analysis at graded series of SRBC doses indicated two distinct peaks, one formed within three days and another by 10th day. When the lizard was injected with another heterologous non-cress reacting erythrocyte before immunization with SRBC, PFC response to the 2nd antigen was abrogated, demonstrating the antigenic competition. During antigenic competition the abrogation of PFC response was correlated with the absence of 2nd RFC peak, while the first peak, is intact. Such studies enumerating the relationship between RFC peaks, migration inhibition factor and PFC production during the immune response to the same antigen are helpful in understanding the mechanism of immunoregulation.

c) In addition to their rule as regulators of antibody level, suppressor T-cells are required for eliciting antigenic competition.

d) The cell-mediated immune response (CMI) to skin allegrafts has been followed by means of capillary leukocyte migration inhibition technique. The method is useful for studying the control mechanisms of CMI in lower vertebrates.

e) To understand the development of immunologically competent lymphocytes in the taleost, *Tilapia mossambica* three lines of investigations have been carried out viz. (i) Raising a specific antisera to fish thymocytes, (ii) Characterizing the effect of the alkylating agent (cyclophosphamide) on anti-SRBC response and on the histopathology of lymphoid tissues and (iii) Gradiant separation of lymphoid cells of various types, from thymus, splean, head-kidney and blood.

f) Under the ICMR project of human cytogenetics in relation to repeacteda bortions, a total of 19 couples were studied for chromosomal abnormalities. The results indicate the possible occurrenĕe of high incidence of chromosomal and genetic abnormalities among the various communities of this

region where the incidance of consanguneous marriages is high. This indicates the need for a regular cytogenetic and family counselling and guidance centre.

Confereuces & Symposia attended :

Dr. VR. Muthukkaruppan, RM. Pitchappan and R. Mohan have attended the Third Annual Conferences of Indian Immunology Society on 29th November '75 at All India Institute of Madical Sciences, New Delhi and presented papers. Dr. K. Indravathi attended the BARC conference on "Chromosome structure" in Bombay and presented papers.

List of papers published during 1975 :

1. Morphology of lymphoid organs in cichild taleost, **Tilapia mossambica** (Peters). J. Morphel. 147 (1) 109 – 122, 1975. K. Sailendri & VR. Muthukkaruppan.

2. Immune response to seluble and cellular ant!gens in a taleost, **Tilapia** mossambica (Peters). J. Exp. Zool. 191(3): 371-38I, 1975. K. Sailendri and VR. Muthukkaruppan.

3. Manifestation of anaphylaxis to egg albumen in the lizard. Experientia (in press) S. Jayaraman and VR. Muthukkaruppan.

4. Immunobiology of the thymus in the lizard, *Calotes verstcolar*. 3. studies on the *in vitro* properties of heterologous antithymocyte serum (submitted to J. Immunology) RM. Pitchappan and VR. Muthukkaruppan.

5. Human recurrent spontaneous abortions - Dr. K. Indravathi. Presented at the BARC conference, Bombay.

6. Genetic survey among the hill tribes residing at Kollimalai Hills Salem District. Dr. K. Indravathi presented at BARC conference, Bombay.

7. Development and regulation of Immune response to sheep erythrocytes- VR. Muthukkaruppan, S. Jayaraman, P. Subramonia Pillai, G.Ramila and S. Baskar. Presented at the Third Annual Conference of India Immunology Society, New Delhi in November '75.

8. *In vitro* and *in vivo* properties of rabbit anti-lizard thymocyte serum RM. Pitchappan and VR. Muthukkaruppan. Presented at the Third Annual Conference of Indian Immunology Society, New Delhi in November'75.

9. Effect of cyclophosphamide on the humoral and cell-mediated immune response in a teleost fish, *Tilapia mossambica*- R. Mohan. Presented at the Third Annual Conference of Indian Immunology Seciety,New Delhi, in Nevember '75.

10. *In vitro* correlate of cell-mediated immunity to skin allografts in the lizard, *Calotes versicolar*. S. Jayaraman and VR. Muthukkaruppan. Presented at the Third Annual Conference of Indian Immunology Society, New Delhi in November '75.

Ph. D. Thesis submitted:

"Studies on the development and Immune functions of the Thymue in the lizard, Calotes versicolar" - RM. Pitchappan, 1975.

ANIMAL AND FISH PHYSIOLOGY UNIT

Staff:

Reader: Dr. M.N. Kutty

M. Narayanan	Senior Research Fellows
N. Sukumaran, M.Sc.,	U.G.C. fellowship
A. Laxminarayana, M. Sc.,	C.S.I.R. fellowship
Mohamed Kasim, M.Sc.,	U.G.C. fellowship
K. Rema Devi, M.Sc.,	University Stipendiary
A. P. Lipton, M. Sc.,	Non-Stipendiary student

Research work in progress :

1. Exercise physiology of mullet *Rhinomugil Corsula.*
2. Fishery biology of mullet *Rhinomugil Corsula.*

3. Aquaculture of mullets
4. Physiological studies on fry and fingerlings of freshwater fishes.
5. Influence of biocides on behavioural physiology of fishes.
6. Avoidance responses of fishes.

Brief report of progress:

Exercise physiology of mullet, *Rhinomugil corsula* :

Aspects of energy utilization and blood and muscle chemistry of the mullet subjected to long-term swimming and fatigue have been studied. The fish uses considerable energy anaerobically during the initiation of swimming, as evident from the R.Q.S. and high amount of lactic acid accumulation in blood and muscle but during long-term exercise the fish is essentially aerobic obtaining more energy from proteins than from carbohydrates and fats. The results are being brought together for publication.

Fishery biology of mullet, *Rhinomugil Corsula* :

The mullet is now adapted to fresh water conditions and abundant in the Vaigai river system. A Study on the biology of the fish has been completed and materials are being made ready for publication.

Aquacuture of mullet :

This study has been begun as a project supported by the International Foundation for Science, Stockholm, Sweden. The project envisages study of survival, energetics and growth of the mullet. Some aspects of thermal and salinity tolerance have been studied. Also growth is being studied in nursery tanks at vaigai Reservoir with the cooperation of the Tamil Nadu Fisheries Department.

Physiological studies on fry and fingerlings of freshwater fishes :

Thermal and salinty tolerance of fingerlings of Indian major carp and mullet are being studied. Upper thermal tolerance of the common carp, *Cyprinius carpio* and mullet has been estimated. Low temperature and salinity tolerance are being investigated.

Influence of biocides on behavioural physiology of fishes :

Tolerance of the guppy and Tilapia to selected mercury compounds panacide' (Dichlorophense) and ammonium chloride has been studied. Thereshold concentrations of these biocides effecting swimming inhibition in *Tilapia mossambica* and mullet are now being studied. T. mossambica forced to swim at 16, 25 and 30 cm/sec. would stop swimming at ambient concentration of 31. 4 and 9. 5 and 8. 2 ppm of mercuric chloride.

Avoidance responses of fishes :

Avoidance levels of fishes to temperature and various chemicals are being studied in both static avoidance tanks and running water, using Blazka's activity apparatus. Thermal range limiting activity of mullet is found to be much less than that for Tilapia. The avoidance temperature of fishes in quiet water is found to be lower than that in running water, possibly because of the positive rheotactic response of fishes. Avoidance can thus be distinguished into two levels, the 'rheotactic and non-rheotactic' - these observations have been published in the Transactions of the American Fisheries Society, Oct. 1975.

Marine re-circulating systems for fish culture :

We have developed earlier the freshwater recirculating systems for acclimating fishes. A pilot scheme for this has been drawn. Further we have now developed a marine system in which marine plants (Caulerpa) and prawns *Penaevs semisulcatus* can live for months in healthy condition.

Energy utilization and behaviour of prawns :

Studies on oxygen consumption, nitrogen excretion and random activity pattern are being made in freshwater crabs, *Parateldhusa hydromus* a fresh water prawn, *Macrobrachium* malcolmsonii and also in a marine prawn, *Penaeus semisulcatus*.

Visits abroad :

Dr. M.N. Kutty: August 12, 1975 to Sept. 30, 1975—Japan, Canada U.S.A. and Sweden, University of Tokyo, Japan; University of British Columbia Vancouver, Orgeon State University, New Port, Orgeon ; University of Wisconsin, Limnology Laboratory ; University of Toronto, Canada ; International

Foundation for Science, Stockholm, University of Gotheburg, Sweden, and other fisheries establishments in Sweden.

In India Sukumaran and Kasim : Attended First All India Symposium on Comparative Animal Physiology, Aurangabad, 10-13 Nov. 1975. Presented paper on " Swimming inhibition in fishes ".

2. General Assembly of the International Foundation for Science : Presented a paper "Growth parameters of the freshwater mullets *Rhinomugil corsula* at the Royal Swedish Academy, Stockholm.

3. Gave seminar on "Nitrogen excretion in fish", Department of Zoology, University of British Columbia, Canada.

4. Gave seminar on "Energy Utilization in fish" at the Laboratory for, Limnology, University of Wisconsin, Madison, U.S.A.

Foreign Colloboration programme : International Foundation for Science. Stockholm, Sweden, on " Aquaculture of mullets ".

List of papers published during 1975 :

1. Influence of thermal upper and lower temperature extremes on the swimming performance of *Tilapia mossambica* (in collaboration with N. Sukumaran) Trans. Amer. Fisheries Soc. 104 (4) : 755 — 761, 1975.
2. Metabolism of *Chinomugil corsula* with special reference to energy utilization (in collaboration with M. Peer Mohamed), Aquaculture : 5 (3), P. 253 - 70, 1975.
3. Swimming inhibition in fish with special reference to thermal extremes. 13th Pacific Science Congress, Vancouver, Canada.
4. Energy metabolism in mullett, Rhinomugil corsula with reference to swimming speed (N. Sukumaran and M.N. Kutty). All India Symposium on Comparative Animal Physiology. Abstract Proceedings, P. 13, 1975.
5. Temperature tolerance of the air breathing fish *Ophiocephalus* punctatus (in collaboration with K. R. Ananthakrishnan), Comparative Physiology and Ecology (In Press).

6. Swimming inhibition in fish with reference to ambient concentrations of biocides (in collaboration with K. Rema Devi - Communicated).

7. Influence of ambient oxygen on the respiratory quotient and the survival of the South Indian Snakes. (in collaboration with N. Sukumaran and M. Narayanan — Communicated).

DEPARTMENTAL SEMINARS

ANNUAL DAY of Aqua Terr seminar was held on 6-9-1975.

20th Sept. 1975. Prof. A. Gnanam: Currents in chloroplast biogenesis.

27th Sept. 1975. M.K. Chandrasekharan: Circadian rhythms.

4th Oct. 1975. G.V. Honnappa: Mitochondrial studies in some animals.

18th Oct. 1975. Dr. M. Lakshmanan. Ultrastructure studies of blue green algal viruses.

25th Oct. 1975. G. Giridhar, Malic enzyme and the site of synthesis.

1st Nov. 1975. Dr. Talib. Studies on the role of psoralin in UV induced skin pigmentation.

15th Nov. 1975. Dr. Muthukkaruppan: Immunoserological problems.

22nd Nov. 1975. Rajamani. Energetic studies in fish.

29th Nov. 1975. Prof. S. Krishnaswami: Environmental problems in Tamil Nadu.

6th Dec. 1975. D. Balasubramanian. (I.I.T. Kanpur): Artificial membrane studies.

20th Dec. 1975. Habib Md. Sadagathulla. Photorespiration in C3 and C4 plants.

Honorary Professors of the Department:

J.E. Smith D.Sc., F.R.S.

N.K. Panikkar, D.Sc., F.N.I.

A.R. Gopala Iyengar D.Sc., F.N.I.

J. Mandelstam, D.Sc., F.R.S.

Books published by the department staff:

Dr. M. Lakshmanan: Rhinosporidiosis in ENT Diseases in a tropical environment. Higginbothams Madras.

ANIMAL HOUSE:

Animal house facitilities are organised. Rabbits, Guinea pigs and three different strains of rats are maintained for experimental purposes. The facilities have been used by plant physiology, Molecular biology, ecology, fish physiology and immunology groups in this department.

Plant Breeding Centre :

Rearing of genetic stocks of tobacco, maize and tomato is continued. Specified varieties are available to university and college teachers interested in working with them.

SCHEMES IN OPERATION

Schemes under Dr. V. R. Muthukkaruppan :

" The Development of Immunity in Reptiles." (NIH. USA)	Feb. 1972 to Oct '75
"Development of Immune functions in fishes" (U. G. C.)	Mar. 75 to Mar '78
"Cytogenetic studies in recurrent abortions" (I. C. M. R.)	Nov. 74 to Nov. 77

"The mechanism of Antigenic competition during the immune response of the lizard" (D. A. E.)	July 75 to June 78
"Immunogenesis in reptiles - A phylogenetic approach to understand immunological mechanisms" (U. G. C.)	Nov. 75 to Oct. 78

Schemes under Dr. S. Krishnaswamy :-

"Biology of Indian Seas" UGC Book Writing scheme	3 years
"Studies on the Biological productivity of tropical lakes of South India" PL-480 (Smithsonian)	5 years

Scheme under Dr. M. N. Kutty :-

"Aquaculture of freshwater mullet" (IFS, Stockholm)	1 year (Renewable upto 4 years)

Scheme under Dr. M. N. Lakshmanan :

"Transformation in Blue green algae C. S. I. R.)	Nov. 75 to Feb. 76 (Renewable for 3 years)

('Schemes under Dr. A. Gnanam :-

"In vitro and inviv protein synthesis by chloroplasts and its control" (PL-480. USDA)	5 years Oct. 72 to Oct 77.
"Regulation of Photosynthetic carbon flow by ammonium compound" (U. G. C.)	3 years Oct. 75 to Oct 78
"Photosynthetic studies in C 3 plants" (IFS, Stockholm)	1 year extendable for 4 years.
"Physiological & Genetical studies on cultured leaf cells" (C. S. I. R.)	3 years

Schemes under Dr. (Mrs) Kunthala Jayaraman :-

"Biosynthetic studies of the peptide antibictic polymyxin" (D. A. E.)			
"Transcriptional regulation of Eukaryotic development" (U. G. C)	3 years		
"Genetics of antibiotic synthesis and differentiation in bacillus speceis" (C. S. I. R.)	Nov. 75 to Feb. '76		

Schemes under Dr. R. Jayaraman :-

"Genetics of RNA polymerase in *Escherichia coli*" (U. G. C.) 1975-78

Schemes under Dr. J. Jayaraman:-

"Temporal sequences of mitochondrial transcription of DNA" (D.A.E.)	1974-75	Rs	7,425-00
	1975-76	Rs	9,765-00
"Molecular mechanism involved in glucose repression of mitochondriogenesis" (C.S.I.R.)	1974-75	Rs	3,300-00
	1975-76	Rs	7,800-00
"Membrane dynamics microsorganisms" (I.C.M.R.)	1974-76	Rs	15,400-00
"Dynamic nature of mitochondrial membrane function to the cellular environment" (U.G.C)	1976-78	Rs	1,50,000-00
"Certificate course in Biological Chemistry COSIP (U.G.C.)	1976-77	Rs	59,600-00

LIST OF EQUIPMENTS AT THIS DEPARTMENT :

Autoclave (automatic type).

Walk-in-Cooler

Temperature controlled shaker

Electrophoresis Unit

Sorvall RC2 B Centrifuge

Automatic fraction collector

Refrigerated Centrifuge

Soniccator

Sorvall Omnimixer

Poloroid Camera

Bausch & Lomb Spectronic 20, 70, with recorder

Oxygen analysers

Beckman DK 2A Ratio Recording Spectrophotometer

Beckman DU (UV—VIS) Spectrophotometer

Unicam SP 500 Spectrophotometer

Photovolt Calorimeter

Gasflow proportional counter

GM Counters

Janetzki Vac 60 Preparative Ultracentrifuge

Warburg Apparatus

Oscilloscopes

Audiovisual aids

High Voltage electrophoresis

Electronic particle counter

Gas chromatograph Electronic Calculator

Egg incubator

Automatic microtome knife sharpener

Gas-liquid chromatographic unit

Cell counter (Turzo 2)

Analytical single pan balance

Lyophilizer

Salinity, conductivity, temperature (SCT) meter (YSZ)

Fish activity counter and respirometer.

UNIVERSITY READERS AT OTHER CENTERS

COMMERCE

1. Karaikudi

1. **a) Staff :** Thiru PL. Mani, M. A., M.Com.
University Reader in Commerce at
Alagappa College, Karaikudi

b) Research: He is doing research for Ph. D. in Financial Administration and control in Roadways Corporations in Tamil Nadu with special reference to PANDIYAN ROADWAYS CORPORATION, MADURAI'under the guidance of Doctoral committee.

2. **Conferences, Seminars etc. attended**

Thiru PL. Mani participated in the 'Colloquium on Commerce' conducted in the Department of Commerce, Alagappa College, Karaikudi on 23rd, 24th and 25th January, 1975 and presented a paper 'accounting for Infiation'. He also participated in the symposium arranged in the Department of Mechanical Engineering, Alagappa Chettiar College of Engineering and Technology, Karaikudi - 4 on 10th March, 1975 and presented a paper 'Marketing Management'.

3. **General Information :** Thiru PL. Mani has written a book in English 'Principles of Accountancy' along with three other Professors. This has been published by M/s S. Chand & Co., Ram Nagar, New Delhi-55.

2. Virudhunagar

1. **Staff :**

N. Sattainathan, M. Com., M. Litt.,
Reader in Commerce at V.H.N.S.N. College Centre,
Virudhunagar

2. **Research :**

Research work for Ph. D. on the title "Primary Agicultural credit Societies in Tamilnadu" is under progress.

3. **Publications** :

The following two reference books for Commerce students are to be shortly published by the Tamil Nadu Text Book Society, Madras.

1. **Reserve Bank of India.**

2. **Sales organisation and Management.**

ECONOMICS

1. **Staff**

Thiru R. Sankara Ramalingam, M.A., M.Litt.
Reader in Economics at Scott Christian College, Nagercoil.

2. **Seminar attended** :

Seminar on Food Crisis in India conducted by the Pioneer Kumaraswamy College, Nagercoil, On 9-2-1975.

Delivered the key note address at the inter-collegiate seminar on "Food Crisis in India".

INDIAN CULTURE

1. **Staff** :

D.R. Rajeswari, M.A., Ph.D., Reader in Indian Culture at Arulmigu Palaniandavar College of Indian Culture, Palani.

2. **a) Research work published durihg the year** :

Mahishasuramardini in Saptagiri.

b) Research work under print :

1. (The Vedic gods) Maruts.
2. (The Vedic gods) Aswins.
3. Introduction to Hindu Icons.

c) **Research work under progress**

1. The cave temples of Undavalli
2. The symbolism of Hindu gods and goddesses.

d) Inter collegiate lectures : Giving lectures on Architecture and Iconography for P.G. students. In Indian Culture and supervising the dissertations in Iconography.

3. **Research scholars :**

Research scholars under the supervision of Dr. D.R. Rajeswari:

Name of the Student	Degree for which registered.	Topic of research
1. Thiru L. Gajendran, M.A.,	Ph.D.	"Chola Sculpture"
2. ,, C. Ramachandran, M.A.,	Ph.D.	"Temple Cultures and religious sects
3. V. Kandasamy, M.A.,	Ph.D.	"The Study of Pattis-varaswamy Temple" Perur.
4. ,, P.R. Narasimhan, M.A.,	Ph.D.	"The Cultural study of Palani Temple Complex".

CHEMISTRY

I TUTICORIN

1. **STAFF :**

Dr. C. Srinivasan, M.A., M.Sc., Ph.D.,
Reader in Chemistry,
V.O.C. College Centre, TUTICORIN.

2. **Research Activities :**

a) Research work published during the year :

C. Srinivasan, " Additional Evidence for d-orbital Resonance in Chlorine and Bromine from the Dissociation constents of Phenols in the Excited State ", Current Science, 1975, 44, 618.

b) Research work under progress :

(i) Kinetics of oxidation of some organic sulphur compounds.

(ii) Electrophilic substiution reaction in Sydnones.

(iii) Photo - Fries rearrangement.

3. **Lecturers :**

Lecturers were delivered in the field of Physical Chemistry and Organic Chemistry for I and II M.Sc., classes in addition to organizing and supervising practical classes in organic chemistry.

2. VIRUDHUNAGAR

Staff :

Dr. S. K. Ramalingam, M. Sc., Ph. D, M. E. C. S. I., Reader in Chemistry at the V. H. N. S. N. College, Virudhunagar Centre.

Teaching :

Lectures were delivered in Inorganic Chemistry for M. Sc., students. Practical work was also conducted in Inorganic Chemistry and in Physical Chemistry.

Research :

In association with a staff member of the undergraduate department (T. Baskaran, M. Sc.,) kinetics of ceriometrex oxidation of sulphoxide ligands are being investigated. In addition, teaching stereomodels in Inorganic polymeric Chemistey have been developed. A paper in this field is under publication.

ZOOLOGY

1. Staff:

Dr. T.J. Pandian, M.Sc., Ph.D., Dr. rer. nat.

Reader in Zoology at Arulmigu Palaniandavar Arts College, Palani.

2. Reasearch activities:

a. Research works published during this year:

1. Mathavan S. & Pandian, T.J.: Effect of temperature on food utilization in the monarch butterfly *Danus chrysippus.* Oikos, 26, 60-64 (1975).

2. Mathavan, S. & Bhaskaran, R. : Food selection and utilization in a danid butterfly. Oecologia, 18, 55-62 (1975).

3. Mathavan, S. : Observations on the monarch butterfly *Danaus chrysippus* (Linneaus) infected by *Sturmia convergens* (Wiede man) (Diptera : Tachinidae). Curr. Sci., 44, 554.

4. Mathavan, S., Vivekanandan, E. & Pandian, T. J. : Food utilization in the fish *Tilapia mossambica* fed on plant and animals foods. Helgolander Wiss. Meeresunters. 27, 2 (1975).

5. Vivekanandan, E. : Bottom fauna in two regions of the Vellar Estuary. Rec. Res. Est. Biol., 252-272 (1975).

b. Research works under print :

1. Pandian, T. J. & Vivekanandan, E.: Effects of feeding and starvation on growth and swimming activity in an obligatory air-breathing fish. Hydrobiologia (in press).

2. Vivekanandan, E. : Effects of feeding rate on swimming activity and growth in the tropical fish *Ophiocephalus striatus.* J. Fish Biol. (in press.)

3. Vivekanandan, E., Easwari, P. & Pandian, T. J.; Effects of food

quality on swimming activity and food utilization in the air-breathing fish *Ophiocephalus striatus*. Pol. Arch. Hydrobiol. (in press).

4. Arunachalam, S., Vivekanandan, E. & Pandian, T.J.: Food intake, conversion and swimming activity in the air-breathing catfish *Heteropneustes fossilis* Hydrobiologia (in press).

5. Mathavan, S. & Muthukrishnan, J.: Effect of ration levels and restriction of feeding durations on food utilization in *Danaus chrysippus* (Lepidoptera: Danidae.) Entomol. expt. et appl. (in press.)

6. Pandian, T. J., Bhaskaran, R. & Vivekanandan, E.: Effects of the Po_2 on surfacing activity and food utilization in the climbing perch *Anabas scandens*. Pol. Arch. Hydrobiol. (Communicated).

7. Mathavan, S.: Satiation time and predatory behaviour of the dragonfly nymph *Mesogomphus lineatus* Hydrobiologia (in press).

8. Muthukrishnan, J., Delvi, M. R. & Pandian, T. J.: Assimilation efficiency in some tropical insects. Comp. Physiol. Ecol. (communicated).

9. Vivekanandan, E.: Food utilization and mineral absorption efficiency in the freshwater snail *Gyraulus convexiusculus*. Mar. Biol. (communicated)

10. Mathavan, S. & Nambirajan, V. S.: Effect of crowding on food utilization in *Catopsila crocale* (Gramer) Lepidoptera: Pieridae). Malaysian J. Sci. (communicated)

11. Vivekanandan, E. & Pandian, T. J.: Surfacing activity, food intake and conversion in a tropical air-breathing fish exposed to different temperatures. Hydrobiologia (communicated)

12. Vivekanandan, E. & Visalam, N.: Surfacing activity and growth of the air-breathing perch *Anabas scandens* fed on plant and animal foods. Aquaculture (communicated).

13. Pandian, T. J.: உதவும் பூச்சிகளும் உபத்திரவ பூச்சிகளும், கலைக் கதிர் (in press).

c) Research works under progress :

1. Limnological aspects of culturing grasscrops in pond Idumban.

2. Culture of air-breathing fishes.

3. Biological control of mosquito larvae via air-breathing fishes and aquatic insects.

4. Energy flow via spider and dragonfly populations.

d) Extra-curricular activities :

Dr. Pandian spoke on 'useful and harmful insects' in All India Radio, Trichi on 3-6-1975.

4. Research scholars:

	Name of the scholar	Topic of Research	Receiving Fellowship from	Whether the thesis is submitted
1.	M.A. Haniffa	Energy flow via snail population	C.S.I.R.	Submitted in October, 1975.
2.	S. Mathavan	Energetics of the dragonfly	C.S.I.R.	Submitted in October, 1975.
3.	E. Vivekanandan	Swimming energetics of fishes	U.G.C.	Submitted in October, 1975.
4.	A. Geethanand Ponniah	Mosquito control through fishes and insects	I.C.M.R.	Registered in July, 1974.
5.	R. Narayanaprakash	Energy flow via spider population	C.S.I.R.	Registered in October, 1974.
6.	K. Sampath$	Physiology of air-breathing fishes	U.G.C.	Registered in October, 1975.
Part-time scholars:				
7.	K. Arunachalam$$	Studies on chosen ponds	P.G. Prof.	Registered in July, 1970.
8.	S. Palanichamy	Energetics of spiders	U.G. Prof.	Registered in July, 1974,
9.	J. Muthukrishnan	Temperature on energetic of insects	Asst. Prof.	Registered in Doctoral Committee January, 1975.
10.	R. Bhaskaran$	Swimming energetics of fishes	Asst. Prof.	Registered in October, 1975.
11.	R. Pitchairaj$	Energetics of a few thermoconformers	Asst. Prof.	Registered in October, 1975.

$ registered this year; $$ under the guidance of Prof. Dr. R.G. Michael (Meghalaya).

4. **Other general information** :

a. The following students submitted their Ph. D. theses in October, 1975:

1. Thiru N.A. Haniffa
2. Thiru S. Mathavan
3. Thiru E. Vivekanandan

b. 1. The ICMR, New Delhi has approved Dr. Pandian's scheme on 'Limnological studies on fish culture' and sanctioned a sum of Rs. 19, 100/- in support of the scheme.

1. The CSIR, New Delhi has approved Dr. Pandian's scheme on 'Mosquito control via fishes and aquatic insects' and has sanctioned a sum of Rs. 15,000/-.

3. The UGC New Delhi has approved Dr. Pandian's scheme on 'Culture of air-breathing fishes' and has sanctioned a sum of Rs. 66,000/-.

APPENDIX – Q

Statement showing the names of candidates registered for the Degree of Doctor of Philosophy (Ph.D.) and M.Litt. during the year 1975.

Sl. No.	Name of the candidate	Dept. / College in which the the candidate is working for the Degree.	Subjects proposed for investigation	Name of the supervisor
1	2	3	4	5
1.	Thiru K.K. Scaria	Research Associate, Indian Institute of Astro - Physics, Kodaikanal.	"Studies of Gaobular Clusters"	Dr. M.K.V. Bappu Director,Indian Institute of Astro-physics Kodaikanal.
2.	Thiru M. Manivel	Research Scholar, Dept. of Tamil, Madurai University.	"Kaikkilai in Tamil Literature"	Dr. M. Isreal, Reader, Dept. of Tamil Madurai University.
3.	Thiru K.S. Narayanan,	Prof. & Head of the Dept. of Chemistry, V.O.C. College, Tuticorin.	" Chemistry of Natural Products"	Dr. S. Neelakantan, Prof. of Chemisty,(NPCPC) Madurai University.

1	2	3	4	5
4.	Thiru T.K. Mahendra Babu	Lecturer in Elec. Engg., Thiagarajar College ef Engineering, Madurai.	"Electrical and Electronic Engineering - Electronic systems"	Dr. K. Nagappan, Prof. & Head of the Dept., of Elec. Engg., Thiagaraja college of Engg., Madurai
5.	Thiru Linson Mark	Asst. Prof. of Economics, Scott Christian college, Nagercoil	"Educated unemployment in Kanyakumari Dist."	Dr. John D.K. Sundar Singh, Principal, Scott Christian College, Nagercoil.
6.	Thiru V. Kannan	Research Scholar, Dept. of Biological Sciences, Madurai University.	"The Limnology of Satiar : A Fresh-water Impoundment"	Dr. S. V. Job, Reader, Dept. of Biological Sciences, Madurai University
7.	Thiru S. Rajendran	—do—	"The Biology of an inland Carb with reference to its Calorific turnover"	—do—
8.	Thiru M. Narayanan	—do—	"Study of food utilization by Multispecies Laboratory population of Fish"	—do—

9.	Thiru R. Balasubramanian	Senior Scientific Asst., C.E.C.R.I., Karaikudi.	"Studies on Rhythmic Precipitations and on some of their Electro-chemical Aspects"	Dr. P.B. Mathur, Asst. Director, C.E C.R.I. Karaikudi.
10.	Thiru G. N. Srinivasan	Junior Scientific Asst., C.E.C.R.I. Karaikudi.	"Studies on Electro Deposition of Alloys"	Dr. H.V.K. Udupa, Director, C.E.C.R.I. Karaikudi.
11.	Thiru S. Srinivasan	Research Scholar, Dept. of Mathematics, Madurai University.	"Studies in Functional Analysis"	Dr. M.A. Sundaram, Reader in Mathematics, Madurai University.
12.	Thiru P.R. Narasimhan	Asst. Prof. of Philosophy, Arulmigu Palaniandavar College of Indian Culture, Palani.	"The cultural study of Palani Temple complex"	Dr. D.R. Rajeswari, Reader in Indian Culture, Arulmigu Palaniandavar College of Indian Culture, Palani.
13.	Thiru B.N. Nityanandam	Asst. Prof. of Elec. Engg., Thiagarajor College of Engg., Madurai.	"Power Systems Control"	Dr. K. Nagappan, Professar & Head of the Dept. of Elec. Engg., Thiagarajar College of Engg., Madurai.
14.	Thiru C. Rajaji	Research Scholar, Dept. of Biological Sciences, Madurai University.	"Biogenesis of Membranes-Role of Mitochondria Studies using spectrophoto flurmeter"	Dr. J. Jeyaraman, Reader in Biochemistry, Madurai University.

15.	Tmty. A.J. Thinakaran	Professor of History, Lady Doak College, Madurai.	"Medieval Tāmil History"	Dr. N. Subramanian, Prof of Ancient History, Madurai University.
16.	Miss. M. Gajalakshmi	Professor-in-charge, Dept. of Economics, Madurai University.	"Development of basic Economic infrastructure in Tamilnadu under the fiveyear plans with special reference to Transport and power Development"	Independent.
17.	Thiru G. Sivagurunathan	Lecturer in Tamil, Alagappa college, Karaikudi	"Vakaithinai"	Dr. R. Sarangapani, Prof. of Tamil, Alagappa College, Karaikudi.
18.	Thiru S. Sethupillai	Research Scholar, Dept. of Tamil, Madurai University.	"The rise of Tamil Novel"	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai Uuiversity.

Names of teacher candidates registered for theDegree of Doctor of Philosophy

Sl. No. 1	Name of the Candidate 2	Dept./College in which the Candidate is working. 3
1.	Thiru S. R. Chandran	Lecturer in Tamil Scott Christian College, Nagercoil.
2.	Thiru L. Ramanathan,	Lecturer in Tamil R. D. M. College, Sivaganga.
3.	Thiru M. Sudalaiyandi,	Asst. Prof. of Tamil M. D. T. Hindu College, Tirunelveli.
4.	Thiru K. R. Muthiah,	Lecturer in Tamil Sree Sevugan Annamalai College, Devakottai.
5.	Thiru R. Jothimani,	Tutor in Tamil, N. M. S. S. V. N. College, Madurai
6.	Thiru K. Sankaran.	Professor of Tamil, M. D. T. Hindu College, Tirunelveli.

(Ph.D.) and M. Litt. during the year under Doctoral Committees.

Subject chosen for investigation. 4	Name of the Doctoral Committee. Convener 5	Member 6
"A Study of Folk-Songs of Fishermen in Kanyamumari District."	Dr. M. Shanmugam Pillai Professor & Head of the Dept. of Tamil, Madurai University, Madurai.	Dr. S. Subramaniam, Professor of Tamil, S. T. Hindu College, Nagercoil.
"Contribution of Naganathan Community to the development of Tamil Studies."	Professor A. M. Parama-sivanandam, 18, Ayyavoo Naidu St, Shenoy Nager, Madras-30.	-do-
"Critical study of men in in Kamba Ramayanam."	Dr. A. Kamatchinathan, Professor of Tamil. St. Xavier's College, Palayamkottai.	-do-
"Characterisation in Jeyakanthan Novels."	Dr. S. V. Subramanian, Professor & Chief Admn. Officer, International Institute of Tamil Studies, Adayar, Madras.	Dr. M. Israel, Reader in Tamil, Madurai University.
"A comparative Study of Cilappathikaram and Manimekalai"	-do-	Dr. V. Veerasami, International Institute of Tamil Studies, Adyar, Madras.
"Civaka Cinthamani-A Linguistic Study".	Dr. S. Agesthialingam, Director, Centre of Advanced Study of Linguistics, Annamalai University.	Dr. R. Shanmugam, Reader in Dravidian Languages, Madurai University, Madurai.

1	2	3
7.	Thiru S. Navaneetha Krishnan	Lecturer in Tamil, V.H.N.S.N. College, Virudhunagar.
8.	Tmty. N. Sarojini Devi	Principal, Arulmigu Palaniandavar College, for Women, palani.
9.	Thiru V. Kandasamy	Lecturer in Tamil, A.N.J.A. College, Sivakasi.
10.	Thiru N. Devarajan	Principal, G.V.N. College, Kovilpatti.
11.	Thiru L.R. Sugarajan	Professor of Tamil, G.T.N. Arts College, Dindigul.
12.	Tmty. Muthammal Gowrinathan	Professor of Tamil, Sri Meenakshi Govt. Arts College, Madurai.

4	5	6
"கம்பரில் நாட்டுப் பழக்க வழக்க ஒழுக்கம்"	Dr. S.V. Subramaniam, Professor & Chief Admn. Officer, International Institute of Tamil Studies, Adyar, Madras.	Dr. D. Andiappa Pillai, Lecturer. in Tamil. Madurai University, Madurai.
"A study of the life and works of Karaikal Ammaiyar"	Dr. T. B. Siddalingaiah, Director, Institute of Correspondence Course, Madurai University, Madurai.	Dr. V. Veerasamy, International Institute of Tamil Studies, Adayar, Madras.
"Kings who were poets in Sangam age"	Dr. C. Balasubramanian, Reader in Tamil, Madras University, Madras.	Dr. D. Andiappa Pillai, Lecturer in Tamil, Madurai University, Madurai.
"Thirumangai Alwar-A critical Study."	Dr. Sp. Annamalai, Prof. of Tamil, Thiagarajar College, Madurdi-9.	Dr. N. Subbu Reddiar, Professor of Tamil, Sri. Venkateswara-University, Tirupati. (A.P.)
"Thiru Vi. Ka. - A study on the power and Influence of Prose in the Modern Writings."	-do-	Dr. C. Balasubramanian Reader in Tamil, Madras University, Madras.
"A Study of Paranjothi Munivar's Thiruvilaiyadal Puranam"	-do-	Dr. R. Shanmugam, Reader in Dravidian Languages, Madurai University, Madurai.

1	2	3
13.	Thiru V. Shanmugasundaram	Professor of Tamil, H. R. K. H. College, Uthamapalayam.
14.	Thiru. Sankara Vallinayagam	Lecturer in Tamil, G. V. N. College, Kovilpitti.
15.	Thiru K. Mohammed Faruk	Professor of Tamil, Sadakathullah Appa College, Palayamkottai.
16.	Thiru A. Kesavamurthi	Professor of Tamil, A. N. J. A. College, Sivakasi.
17.	Thiru S. Sambasivam	Lecturer in Tamil, Sentamil College, Madurai.
18.	Thiru P. M. Habibullah	Assistant Professor of Tamil, Govt. Arts College, Melur.

4	5	6
"Episodes in Kamba-ramayanam"	Prof. A. M. Paramasiva-nandam, 18, Ayyavoo Naidu St Shenoy Nagar, Madras-30	Dr. R. Shanmugam, Reader in Dravidian Languages, Madurai University, Madurai.
"வ. உ. சிதம்பரனாரின் வாழ்க்கை வரலாறும் இலக்கியப்பணிகளும்"	Dr. M. Israel, Reader in Tamil, Madurai University, Madurai.	Dr. D. Andiappa Pillai, Dept. of Tamil, Madurai University Madurai.
"Hazrath Peer Muhammed Sahib Walligullah and the Bakti Tradition"	Dr. S. Subramanian, Professor of Tamil, S. T. Hindu College, Nagercoil.	Dr. AM. Parimanam, Prof. of Tamil, A. V. V. M. S. Pushpam, College, Poondi, Tanjore Dt.
"Tamil Ilakkiyathil Thirumana Marapukalum Valakkangalum (From Sangam Age to 12th Century A. D.)"	Dr. T. E. Gnanamurthy, Professor of Tamil, P.S.G. Arts College, Coimbatore.	Dr. C. Balasubramanian, Resder in Tamil, Madras University, Madras.
" Navalar Somasundara Bharathiar's Contribution to Tamil, Studies"	- do -	Dr. D. Ananthakrishna Pillai, Asst. Prof. of Tamil, S. T. Hindu College, Nagercoil.
" A critical Study of La. Sa. Ramamirtham's Works"	- do -	Dr. N. Jayaraman, Lect. in Tamil, Thiagarajar College, Madurai.

1	2	3
19.	Thiru T. Sundaram	Lecturer in Tamil, A.P.S.A. College, Tiruppattur,
20.	Thiru K.V. Ramakoti	Lectuerer in Tamil, Sourashtra College, Madurai-4.
21.	Miss. P.B. Uma Maheswari	Lecturer in Tamil, Sarah Tucker College, Tirunelveli.
22.	Thiru D. Dakshnamurthy	Lecturer in Tamil, M.D.T. Hindu College, Tirunelveli.
23.	Thiru V. Sonai	Lecturer in Tamil, Sourashtra Cllege, Madurai.
24.	Thiru S. Solomon Pappiah	Lecturer in Tamil,American College, Madurai.
25.	Tmty. P. Vijayalakshmi	Lecturer in Tamil, Sri Meenakshi College for Women, Madurai.

4	5	6
" A critical study of Anandarangam Pillai's diary "	Dr. T.E. Gnanamurthy, Professor of Tamil P.S.G. College, Coimbatore.	Dr. D. Andiappa Pillai, Lecturer in Tamil, Madurai University.
" The treatment of Irony in Sangam Literature"	-do-	Dr. M. Isreal, Reader in Tamil, Madurai University.
" Tirunelveli Nellaiappar Temple "	-do-	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai University.
" Treatment of Myth and Legends in Silppathi-karam and Sivag Cinthamani".	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai University.	Dr. E.E. Gnanamurthy, Professor of Tamil, P.S.G. Arts college, Coimbatore.
" Perunkathai as an Epic".	Dr. R. Sarangapani, Professor of Tamil, Alagappa college, Karaikudi.	Dr. N. Jayaraman, Lecturer in Tamil, Thiagarajar college, Madurai.
" Social significance in Bharathidasan's work"	Dr. S. Subramanian, Professor of Tamil, S.T. Hindu College, Nagercoil.	D. (Mrs.) Indira Subbulakshmi, Fatima College, Madurai.
" பக்தி இலக்கியத்தில் அக மரபுகளின் செல்வாக்கு - சைவ சமய குரவர் நால்வரும் ஆழ்வார் பன்னிருவரும்"	-do-	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai University.

1	2	3
26.	Thiru. T. Sridharan	Asst. Prof. of Tamil, V.H.N.S.N. College, Virudhunagar.
27.	Tmty. R. Chithraleka	Professor of Tamil, Sri Parasakthi College, Courtallam.
28.	Thiru. T.N. Mahalingam	Asst. Prof. of Tamil, S.T. Hindu college, Nagercoil.
29.	Thiru. S. Jawaharlal	Lecturer in Tamil, A.P.S.A. College, Tiruppattur.
30.	Thiru P. Rajadurai	Principal, Saiva Bhanu Kshatriya College, Aruppukottai.
31.	Thiru R. Andi Nadar	Lecutrer in Tamil, Scott Christian college, Nagercoil.
32.	Thiru G. Devadasan	Professor of Tamil, Christian College, Martandam.

4	5	6
" Mariamman Cult in and around Virudhu-nagar"	Dr. M. Shanmugam Pillai, Professor of Tamil, Madurai University.	Dr. (Mrs.) Grace Alexander, Dept. of Tamil, Lady Doak college, Madurai,
" A comparative study of Lakshmi and Sudamani"	-do-	Dr. (Mrs.) V. Indira Subbulakshmi, Dept. of Tamil, Fatima college, Madurai.
" Tamil literary contribution from Kanyakumari Dist."	Dr. S. Subramanian, S.T. Hindu college, Nageacoil.	Dr. R. Sarangapani, Professor of Tamil, Alagappa college, Karaikudi.
" Mythical Elements in Thevaram"	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai University.	Dr. A.M. Parimanam, Professor of Tamil, A.V.V.M.S. Pushpam college, Poondi, Tanjore Dist.
' Satire in Bharathidasan"	Dr. K. Meenakshi sundaram, Principal, Chikkanna Govt. Arts college, Tiruppur.	Dr. (Mrs.) Grace Alexandar Dept. of Tamil, Lady Doak college, Madurai.
" Evolution and Evaluation of Akilathirattu Amma-naiyil Muthu Kutti Swamigal"	Dr. S. Subramanian, S.T. Hindu college, Nagarcoil.	Dr. A. Kamatchinathan Professor of Tamil, St. Xavier's college, Palayamkottai.
"A critical study of the Novels of Thiru M.D. Vasudeva Nair and Thiru Akilan (Malayalam & Tamil respectively.)	Dr. A. Kamatchinathan, Palayamkottai.	Dr. S. Subramanian, S.T. Hindu college, Nagercoil

1	2	3
33.	Thiru M. Chellaswamy	Asst. Prof. of Tamil, Arulmigu Palaniandavar Arts, College, Palani.
34.	S. Athinathan	Asst. Prof. of Tamil, V. H. N. S. N. College, Virudhunagar.
35.	Thiru P. Valan Arasu	Lecturer in Tamil, St. John's College, Palayamkottai.
36,	Thiru S. Dhason	Lecturer in Tamil, Christian College, Marthandam.
37.	Thiru N. Kalyanasundaram	Lecturer in Tamil, Aditanar College, Tiruchendur.
38.	Thiru A. Abdul Razak	-do-

4	5	6
" Nature in Thevaram "	Dr. T. B. Siddalingaiah, Director, Institute of Correspondence Course, Madurai University.	Dr. A. M. Parimanam, Professor of Tamil, A. V. V. M. S. Pushpam College, Poondi, Tanjore Dist.
" பிரபு லிங்கலீலை "	Dr. M. Israel, Reader in Tamil, Madurai University.	Dr. A. Ananthakrishnan, Asst. Prof. of Tamil, S. T. Hindu College, Nagercoil.
" A critical study of Thembavani "	- do -	Dr. A. Kamatchinathan Professor of Tamil, St. Xavier's College, Palayamkottai.
" A critical study of Tamil poetry of post independent era "	Dr. S. Subramanian, Professor of Tamil, S. T. Hindu College, Nagercoil,	- do -
" Tiruchendur Murugan in Tamil Literature "	Dr. M. Shanmugam Pillai, Professor of Tamil, Madurai University.	Dr. T. E. Gnanamurthy, Professor of Tamil, P. S. G. Arts College, Coimbatore.
" The Indian Independence movement and Tamil Novels "	Dr. Rm. Periakaruppan, Reader in Tamil, Madurai University.	Dr. D. Andiappa Pillai Lecturer in Tamil, Madurai University.

1	2	3
39.	Thiru A. Singarayar	Lecturer in Economics, Sourashtra College, Madurai.
40.	Thiru S.V. Shanmugasundaram	Professor of Economics, Viveka-nanda College, Tiruvedagam.
41.	Thiru T. Dhanapalan	Asst. Prof. of Economics, V.H.N.S.N. College, Virudhunagar.
42.	Thiru A. Padmanabhan	Asst. Prof. of Economics, Madura College, Madurai.
43.	Thiru J. John Sundararaj	Lecturer in Economics, American College, Madurai.
44.	Thiru S. Velayudha Perumal	Asst. Prof. of Economics, Arignar Anna College, Aramboly.
45.	Thiru A. Piramanayagam	Lecturer in Economics, V.O.C. College, Tuticorin.

4	5	6
"India's trade with the developing countries"	Dr. M.S. Lakshmanan, Dept. of Economics, Madurai University.	Dr. T. S. Venkatasamy, Prof. of Economics, Presidency College, Madras.
" Incometax in India: Problems and Prospects "	Dr. V. Shanmugasundaram, Prof. of Economics, Madras University.	Dr. B. Gnanadass, Dept. of Economics, C.N. College, Erode.
" Industrial finance in Tamilnadu"	Dr. B. Sarveswara Rao, Prof. of Economics, Andhra University.	Dr. R. Balakrishna, St. Dacosta Square, Bangalore.
" Unemployment problem in Tamilnadu since Plan period"	Dr. A. Ramaswamy, Prof. of Economics, Annamalai University.	Dr. D.L. Narayana, Dept. of Economics, S.V.University, Tirupathi.
" The Cement Industry in Tamilnadu"	Dr. T.S.Venkatasamy, Chief. Prof. of Econ., Presidency College, Madras.	-do-
" Plantation Labour in Kanyakumari Dist."	Dr. John D.K. Sunder Singh, Principal, Scott Christain College, Nagercoil.	Dr. A.N. Rajamani, Prof. of Economics, National College, Tiruchy.
" Salt Industry in Tamilnadu"	Dr. T.K. Lakshmanan, Prof. of Economics, Central College, Bangalore.	Dr. John D.K. Sunder Singh, Principal, Scott Christian College, Nagercoil.

1	2	3
46.	Thiru L. Chidambarathanu Pillai	Principal, S. T. Hindu College, Nagercoil.
47.	Thiru N.S. Balasubramanian	Head of the Dept, of Economics, N.M.S.S.V.N. College, Madurai.
48.	Thiru S. Pichaimuthu	Lecturer in Economics, V.O.C. College, Tuticorin.
49.	Thiru J.E.M. Arputhamurthy	Lecturer in Economics, American College, Madurai.
50.	Tmty. Suriya Augustus	Professor of Economics, Sarah Tucker College, Tiruneveli.
51.	Thiru S. Venkatasubramanian	Lecturer in Economics, Madura College, Madurai-11.

4	5	6
" Land Development Banks in Tamil-nadu"	Dr. Saradha Raju, Dept. of Economics, Madras University.	Dr. A. Ramaswamy, Prof. of Economics, Annamalai University.
" Educated unemployment in Madurai"	Dr. A. Ramaswamy. Prof. of Economics, Annamalai University.	Dr M. S. Lakshmanan, Lect. in Economics, Madurai University.
" Economic Development of twin towns Virudhunagar and Sivakasi".	Dr. V. Venkatagiri Gowda, Prof. of Economics, Bangalore University.	Dr. D.L. Narayana, Prof. of Economics, S.V. University, Tirupathi.
" The Economics of Multi national Corporations in Tamil-nadu',	Dr. C.T. Kurien, Prof. of Economics, Madras Christian College, Madras.	Dr. M.S. Lakshmanan, Lecturer in Economics, Madurai University.
" The impact of Nationalised Banks on small-scale Industries"	Dr. E.T. Mathew, Prof. of Economics, Kerala University. Trivandrum.	Dr. T.S. Venkataswamy, Prof. of Economics, Presidency College, Madras.
" Changing class structure in the agrarian economy of Tamilnadu from 1958-1968"	Dr. P.G.K. Panikar, Prof. of Economics, Kerala University.	Dr. K. Venkatagiri Gowda, Prof. of Economics, Bangalore University.

1	2	3
52.	Thiru S. Duraisamy	Asst. Prof. of Zoology, V.O.C. College, Tuticorin.
53.	Thiru J. Muthukrishnan	Asst. Prof. of Zoology, Arulmigu Palaniandavar Arts College, Palani.
54.	Thiru Johnson Solomon	Professor of Botany, St. John's College, Palayamkottai.
55.	Thiru S. Gangadaran	Lecturer in Siddhanta Philosophy, Madurai University.
56.	Thiru M. Vijayapandian	Principal, P.T.M.T.M. College, Kamuthi.
57.	Thiru P.V. Srinivasan	Professor of History, Dr. A.C. Training college, Karaikudi.
58.	Tmty. K. Rukmani	Professor of History, Fatima College, Madurai.

4	5	6
"Ecophysiological study of chosen arthropods"	Dr. J. Jeyaraman, Dept. of Biological Sciences, Madurai University.	Dr. P. Govindan, Prof. of Zoology, Annamalai University.
"Ecophysiological studies on chosen arthropods"	Dr. T.J. Pandian, Reader, Arulmigu Palaniandavar Arts College, Palani.	Dr. S.V. Job., Reader, Dept. of Biological Sciences, Madurai University.
"Physiological and Histological studies on the phloem of some parasites"	Dr. James, Prof. of Botani, American College, Madurai.	Dr. V.S.R. Das, Prof. of Botany, S.V. University, Tirupathi.
'Saiva Siddhanta in Jnanamrtam"	Dr. T.M.P. Mahadevan Dept. of Philosophy, University of Madras.	Dr. V. A. Devasenapathi Director, Centre for Advanced study in Philosophy, University of Madras.
"Feudalism in ancient and medieval Tamil Polity"	Dr. N. Subramanian, Prof. of Ancient History, Madurai University.	Dr. C.J. Nirmal, Prof. of History, Madras Christian College, Madras.
"Development of Woman Education in Tamil-nadu through the ages"	– do –	Dr. N. Jegadeesan, Dept. of History, Tagore Arts College, Pondicherry.
"History of Madurai Municipality"	Dr. C.J. Nirmal, Prof. of History, Christian College, Madras.	Dr. S. Krishnaswamy, Prof. of History, Christian College, Madras.

1	2	3
59.	Thiru S. Sampson Hector	Lecturerer in History, Scott Christian college, Nagercoil.
60.	Thiru S. T. Jeyapandian	Lecturer in History, V. O. C. College, Tuticorin.
61.	Thiru A. Ganesan	Professor of History, Saraswathi Narayanan College, Madurai.
62.	Thiru N. Rajappan	Asst. Prof. of History, Scott Christian College, Nagercoil.
63.	Thiru P. S. Karuppiah	Professor of History, V. S. Sivalingam Chettiar Govt. Arts College, Pulankurichi.
64.	Thiru R. Venkataraman	Lecturer in History, Aditanar College, Tiruchendur.
65.	Selvi S. Indrani	Professor of History, Seethalakshmi Achi College for women, Pallathur.
66.	Thiru M. R. Raman Nampoothiri	Asst. Prof. of Malayalam, Christian College, Marthandam.

4	5	6
"History of Protestant Missions in Tamilnadu"	Dr. Koshy, Reader in History, Kerala University, Trivandrum.	Dr. C.J. Nirmal, Prof. of History, Christian College, Madras.
" A History of British settlement in Tamilnadu"	Dr. K. Rajayyan, Prof. of Modern History, Madurai University.	Dr. T. K. Ravindran, Dept. of History, Kerala University.
" History of Press in Tamilnadu"	- do -	Dr. K. Narasian, Prof. of History, Bangalore University.
" History of Aramboly"	- do -	Dr. V. Yacoda Devi, Sri Venkateswara University, Tirupati.
" Legislation on Social reform in Tamil Nadu-(1900-1975)"	- do -	Dr. K. R. Hanumanthan Chief Prof. of History, Presidency College, Madras.
" The History of the origin and Evaluation of the Siddhar cult of Tamilnadu"	Dr. N. Subramanian, Prof. of Ancient History, Madurai University.	Dr. (Miss.) R. Rajalakshmi, Lecturer in History, S. R. College, Tiruchi.
" Growth of Local self Government in Trichy District"	Dr. K. Rajayyan, Prof. of Modern History, Madurai University.	Dr. C. J. Nirmal, Prof. of History, Christian College, Madras.
" Dramatic Element in Nalacaritam Attakkatha"	Dr. C. J. Roy, Director, Dept. of Malayalam, Madurai University.	Dr. S. K. Nayar, Prof. of Malayalam, Madras University.

1	2	3
67.	Thiru S. Packiam	Professor of Education, V.O.C. Teachers' College, Tuticorin.
68.	Thiru T. Srinivasan	Professor of Education, Lakshmi Teachers' Training College, Gandhigram.
69.	Thiru A. Rangaswamy	Lecturer in Commerce, V.O.C. College, Tuticorin
70.	Thiru C. Balasubbiah	Professor of Commerce, N.M.S.S.V.N. College. Madurai.
71.	Thiru S. Ganesan	Profrsser of Commerce, A.P S.A. College, Tiruppattur.
72.	Thiru S. Kesavaperumal	Lecturer in Commerce, Pioneer Kumarasamy College, Nagercoil.
73.	Thiru C.N. Natarajan	Professor of Sociology, Madura College, Madurai.

4	5	6
" The progress of secondary education in Tamilnadu during a period of twenty five years from 1950 "	Dr. K. Kumarasamy, Prof. of Edn., Annamalai University, Annamalainagar.	Dr. Vedamani Manuel, Dept. of Education, Kerala University, Trivandrum.
" An analysis of the development proccss in concept learning by High Schools "	Dr. R. Srinivasan, Principal, Lakshmi Teachers' Training College, Gandhigram.	Dr. L. D. Rabindra Das, Principal, Meston Training College, Madras.
" Commerce Education in Tamil with special reference to the state of Tamilnadu"	Dr. P.N. Reddi, R. C. College of Commerce, Bangalore.	Dr. K.V. Viswanathan, Prof. of Commerce, Islamiah College, Vaniyambadi.
" Agriculture must become a business (referring to Tamil-nadu "	Dr. C.N. Purushothaman, Nair, Prof. of Commerce Calicut University.	Dr. P.S. Narayana Rao, Reader in Commerce, St. Joseph's College, Bangalore.
" Advertising Media and the Business Development "	Dr. Mohammed Moshin Prof. of Commerce, Calicut University Kerala.	Dr. O. R. Krishna-Swamy, Prof. of Commerce, Bangalore University, Bangalore.
" Flow of funds analysis 1961-1975 Reserve Bank of India section Financing Accounts "	Dr. M. O. Mathew, Head of the Dept. of Commerce, Annamalai University.	Dr. Mohammed Moshin, Prof. of Commerce, Calicut University.
" The Piramalai Kallar structure and change"	Dr. C. M. Abraham, Reader in Sociology, Madras University, Madras.	Dr. K. N. Venkata Rayappa, Prof. of Sociology, Mysore University.

1	2	3
74.	Thiru K. B. Sitaramayya	Professor of English, Scott Christian College, Nagercoil.
75.	Thiru Job. D. Mohan	Professor of English, American College, Madurai.
76.	Tmty. Adaline Farida	Lecturer in English, Women's Christian College, Nagercoil.
77.	Thiru K. Krishnamoorthy Chetty	Lecturer in English, G. T. N. Arts College, Dindigul.
78.	Thiru M. A. Jeyaraju	Asst. Prof. of English, V. H. N. S. N. College, Virudhunagar.
79.	Tmty. Sarojini Natarajan	Principal, Standard Fireworks Rajaratnam College for Women, Sivakasi.
80.	Tmty. Mercy Louis Royan	Lecturer in English, Standard Fireworks Rajaratnam College for Women, Sivakasi.
81.	Thiru Vedamani Balraj	Professor of English, St. John's College, Palayamkottai.

4	5	6
" The Concept of sin in the novels of Howthorne "	Dr. V. Sachithanandan, Prof. of English, Madurai University.	Dr. K. Ayyappa Panicker, Reader, Institute of English, Kerala University.
" Walter Scott and Kalki as writers of historical fiction "	Dr. S. Sivathanu Pillai, Prof. of English, V. H. N. S. N. College, Virudhunagar.	Dr. S. V. Subramanian Prof. International Institute of Tamil Studies, Adayar, Madras.
" The World of Faulkner "	Dr. Isaac Sequeira, Reader in English, Osmania University.	Dr. C. T. Thomas, Dept. of English, Calicut University.
" Byron as a humanist "	Dr. S. P. Appasamy, Prof of English, Madras University.	Dr. C. D. Govindarao, Prof of English, Mysore University.
" The Novels of Iris Murdoch "	Prof. H. H. Anniah Gowda, Prof. of English, Mysore University.	Dr. S. Sivathanu Pillai, Prof. of English, V. H. N. S. N. College, Virudhunagar.
" Raja Rao as a Novelist "	Dr. S. T. Kallapur, Reader in English, Karnataka University	Dr. C. S. Balarama Gupta, Dept. of English, P.G. Centre, Gulbarga.
" A comparative study of Pearl S. Back's American & Chinese novels "	Dr. S. T. Kallapur, Reader in English, Karnataka University.	Dr. Isaac Sequiera, Reader in English, Osmania University.
" An Assessment of Indo-Anglian Poetry "	Dr. V. Sachithanandan Prof. of English, Madurai University.	Dr. G. S. Balarama Gupta Prof. of English, P. G. Centre, Culbarga.

APPENDIX—R

Statement showing the number of Ph.D. and . M.Litt. degrees awarded by this University so far is furnished hereunder:

Faculty	1968		1969		1970		1971		1972		1973		1974		1975	
	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.	Ph.D.	M.Litt.
Arts	—	—	—	2	—	2	—	1	2	1	3	2	3	3	5	1
Science	2	—	6	—	1	—	5	—	6	—	10	—	6	—	13	—

Ph.D. *Facutly:*	No.	M.Litt. *Facutly:*	No.
Tamil	10	Economics	10
English	2	Tamil	1
Education	1	English	1
Mathematics	13		
Physics	3		
Chemistry	7		
Biology	24		
Medicine	2		

APPENDIX—S

Statement showing the new research projects/schemes operated during the year in the university department with the financial assistance of National and Foreign agancies :-

Sl. No.	Title of research project / scheme	Name of the investigator in-charge and the department.	Sponsoring Agency
1	2	3	4
1.	X-ray diffraction and other physics studies on materials.	Dr. K.S. Chandrasekaran and Dr. J.K. Mohana Rao.	Bhabha Atomic Energy Commission
2.	The Development of Immunity in Reptiles	Dr. V.R. Muthukkaruppan	NIH, U.SA.
3.	Development of Immune functions in fishes.	Dr. V.R. Muthukkaruppan	U.G.C
4.	Cytogenetic studies in recurrent abortions	-do-	I.C.M.R.
5.	The mechanism of Antigenic Competition during the immune response of the lizard.	-do-	D.A.E.
6.	Immunogenesis in reptiles A Phylogenetic approach to understand immunological Mechanisms.	-do-	U.G.C.
7.	Biology of Indian seas	Dr. S. Krishnaswamy	U.G.C. Book writing Scheme.

1	2	3	4
8.	Studies in the Biological productivity of tropical lakes of South India.	-do-	Fh 480 (Smithsonian)
9.	Aquaculture of freshwater mullet.	Dr. M.N. Kutty	I.F.S. Stockholm
10.	Transformations in Blue green algae	Dr. M. Lakshmanan	C.S.I.R.
11.	Invitro and invivo protein synthesis by chloroplasts and its control.	Dr. A. Gnanam	PL-480-USDA.
12.	Regulation of photosynthetic carbon flow by ammouium compound	Dr. A. Gnanam	U.G.C.
13.	Photosynthtics studies in C_3 plants	—do—	IFS, Stockholm
14.	Physiological and Genetical studies on cultured leaf cells	—do—	C.S.I.R.
15.	Biosynthetic studies of the peptide antibiotic polymyxin	Dr. (Mrs)Kunthala Jayaraman	D.A.E
16.	Transcriptional regulation of Eukaryotic development	—do—	U.G.C.
17.	Genetics of antibiotic synthesis and differentation in bacillus species.	—do—	C.S.I.R.
18.	Genetics of RNA polymerase in *Escherichia Coli*	Dr. R. Jayaraman	U.G.C.

1	2	3	4
19.	Temporal sequences of mito-chondrial transcripition of D.N.A.	Dr. J. Jeyaraman	D.A.E.
20.	Molecular mechanism involved in glucose repression of mitochondriogenesis	—do—	C.S.I.R.
21.	Membrane dynamics in micro-organisms	—do—	I.C.M.R.
22.	Dynamic nature of mito-chondrial membrane function to the cellular environment	—do—	U.G.C.
23.	Certificate Course in Biological Chemistry -COSIP	—do—	U.G.C.

APPENDIX – T.

The names of the candidates who have been awarded prizes/medal under various endowments for the year 1975 are given below:-

Name of the Prize and Course	Name of Candidate	Name of the College where studied
1	2	3
1. Dr. Sir A.L Mudaliar Prize		
M.D. Midwifery	None qualified in the first attempt.	—
M.D. Paediatrics	Dr. R. Ramamoorthy	Madurai Medical College
D.G.O.	Dr. Jayagowri Ranganathan	-do-
D.C.H.	Dr. Sarah Titus	-do-
2. Sri M. Bhaktavatsalam 68th birthday commemoration prize		
B.Ed.	C.N. Kamalam	Dr. Alagappa Chettiar Training College, Karaikudi.
M.Ed.	S. Kalavathy	V.O.C. Teacher's College, Tuticorin.
B.E. Civil (SUS)	Malli R. Rajendran	Thiagarajar College of Engg., Madurai.
B.E. Mech (SUS)	S. Ravindran Sunder	Alagappa Chettiar College of Engg. & Tech., Karaikudi.
B.E. Elec (SUS)	R. Venkatesan	-do-
M.B.B.S.	S. Thanaraj	Tirunelveli Medical College, Tirunelveli.
3. The Saravana Mudaliar Chellammal prize		
M.A. Indian Culture	R. Srinivasaga Sithaiya	Arulmigu Palaniandavar College of Indian Culture, Palani.

1	2	3
4. 10th Indian Econometric Conference endowment		
M Sc. Mathematical Economics	R. Haridoss	University Department.
5. The P. Subramanian memorial medal		
M. Sc. Physics	G. Srinivasan	Madura College.
6. Lalgudi Mrs. Jeeva Viswanathan medal		Tirunelveli Medical College, Tirunelveli.
M. B. B.S.	S. Thanaraj	
7. Dr. C. K. P. Menon's University medal for Pathology		
M.B.B.S. Pathology	A. Firoze	-do-
8. Sri M. Bhaktavatsalam 69th birthday commemoration prize		
M.A. English	K. Kumarasamy	St. John's College, Palayamkottai.
M.A. Tamil	T. Kumara Alagappan	Bonafide Teacher Candidate
M.A. Economics	V. Anbumani	Thiagarajar College, Madurai.
M.Sc. Mathematics	P. N. Sakthimal	Thiagarajar College, Madurai.
M.Sc. Physics	G. Srinivasan	Madura College, Madurai.
M.Sc. Chemistry	V. Periasamy	VHNSH. College, Virudhunagar.
M. Sc. Zoology	G. N. Chandrasekar	American College, Madurai.
9. Kalaikavalar C. V. CT. V. Venkatachalam Chettiar Shastiabtha Poorthi endowment		
B. Ed. (Women)	C. N. Kamalam	Dr. Alagappa Chettiar Training College, Karaikudi.
B. E. (Electronics & Communications.)	T. Chandrasekaran	Alagappa Chettiar College of Engg. & Tech., Karaikudi.
B. P. Ed.	P. Raju Nachimuthu	Alagappa Chettiar College of Physical Education, Karaikudi.

1	2	3
10. **Dr. Vadamalayan M.B.B.S Gold medal**		
M. B. B. S. Surgery	S. Ponni	Madurai Medical College Madurai.
M. B. B. S. Medicine	S. Thanaraj	Tirunelveli Medical College, Tirunelveli.
M. B. B. S. Obs. & Gyn.	- do -	- do -
M. B. B. S. Pathology	A. Firoze	- do -
M. S. General Surgery	C. Sethuramakrishnan	Madurai Medical College, Madurai.
11. **Thiru M.S. Narayanaswmi Iyer memorial prize**		
M. A. English	K. Kumarasamy	St. John's College Palayamkottai.
12. **Dr. Avvai memorial gold medal endowment**		
M. B. B. S. Obs. & Gyn.	S. Thanaraj	Tirunelveli Medical College, Tirunelveli
13. **Dr. T.P Meeakshisundaram medal**		
M. D. General Medicine	T. Sivalingam	Madurai Medical College, Madurai
M. Sc. Engineering-Structural Engineering	Full time course none appeared	
M. Sc. Engineering-Electrical & Electronic Engineering — Power System Engineering.	S. Sakthivel	Thiagarajar College of Engineering, Madurai.
M. Com.	V. Krishnamoorthy	VHNSN. College, Virudhunagar.
M. Ed.	S. Kalavathy	V.O.C. College Tuticorin.
M. A. Tamil Semester	S. Ponmani	Dept. of Tamil, Madurai University.

1	2	3
M. A. English Semester	A. Sukumaran	Thiagarajar College, Madurai.
M. Sc. Biology Semester	Paulin Vimala Christabelle	Dept. of Biology, Madurai University.
M. Sc. Chemistry Semester	R. Prema	Dept. of Chemistry, Madurai University.
M. A. French	Tessic Gonsalves	French Department, Madurai University.
M. Sc. Mathematical Economics	J. Thamarai Selvan	Economics Department, Madurai University.

14. S. Arumuga Mudaliar and C. R. Rajalakshmi Endowment

B.Sc. Degree Part I Tamil	N. Bhanumathy	Sarah Tucker College, Palayamkottai.

15. Sri Bhaktavatsalam 69th Birthday Commemoration prizes

B.Sc. Degree Part II English	T.Y. Anuja	Sri Meenakshi Govt. College for Women, Madurai.
B.Sc. Degree Part I Tamil	N. Bhanumathy	Sarah Tucker College, Palayamkottai.
B.Sc. Degree Part III Mathematics main	S. Visweswaran	Sree Sevugan Annamalai College, Devakottai.
	R. Parvathy	Sarah Tucker College, Palayamkottai.
	S. Beula Vasantha Kumari	Seethalakshmi Achi College, Pallattur.

1	2	3
B.Sc. Part III Mathematics main	V. Kalaimoni	Seethalakshmi Achi College, Pallattur.
	V. Lalitha	-do-
	PR. Meenal	-do-
	S. Ragumath Ali	Aditanar College of Arts and Science, Tiruchendur.
	V. Ramasamy	The M.D.T. Hindu College Triunelveli.
	S. Ramakrishnan	V.H.N.S.N. College, Virudhunagar.
	T. Salai Parkunan	Thiagarajar College, Madurai.
B.Sc. Degree Part III Physics main	K. Ramesh	St. John's College, Palayamkottai.
B.Sc. Degree Part III Chemistry main	E.S. Dhyaneswari,	Sri Meenakshi Govt. College for Women, Madurai.
B.Sc. Degree Part III Botany main	D. Charlet Jothimony	St. Mary's College Tuticorin.
B.Sc. Degree Part III Zoology main	S. Vasanthi	Fatima College, Madurai.
B.Sc. Degree Part III Geology main	K. Selvaraj	V.O.C. College, Tuticorin.
B.Com. Degree Part III Groups A, B and C	S. Sundar	N.M.S.S.V.N. College, Madurai.
B.Sc. Degree Part III Home Science	T.M. Shyamala	Fatima College, Madurai.

1	2	3
16. Lalgudi Nataraja Pillai Suganthammal medal		
B.Sc. Degree Part I Tamil	N. Bhanumathy	Sarah Tucker College, Palayamkottai.
17. Lalgudi Yogam Viswanathan medal		
B.Sc. Degree part III Physics Main	K.I. Ramesh	St. John's College, Palayamkottai.
18. University Women's Association Endowment		
B A. Degree Part II English	K. Jayanthi	Sri Parasakthi College for Women, Courtallam.
19. Rev. Mother Rose Memorial Endowment		
B.A. Degree Part II English	K. Jayanthi	Sri Parasakthi College for Women, Courtallam.
20. The Bank of India Limited Prize		
B.Com. Degree	S. Kumaravelkani	A.N.J.A. College, Sivakasi.
21. Kalaikavalar C. V. CT. V. Venkatachalam Chettiar Shashtiabthapoorthy Endowment Prize.		
B. Sc. Special Chemistry Part I Tamil	G.R. Diwakar	Madura College, Madurai.
22. Madurai University Principal Sri Arumuga Mudaliar and C.R. Rajalakshmi Endownment.		
Tamil B.A. Part I	S. Hema Malini	St. Mary's College, Tuticorin.
23. Sri M. Bhaktavatsalam, 69th birthday commemoration prize		
B.A. Part I Tamil	S. Hema Malini	St. Mary's College, Tuticorin.
24. Sri Bhaktavatsalam 69th birthday commemoration prize		
B.A. Part II English	K. Jayanthi	Sri. Parasakthi College for Women, Courtallam.

1	2	3
25. University Women's Association Endowment (for women candidates only)		
B. A. PartII English	K. Jayanthi	Sri Parasakthi College for Women, Courtallam.
26. Rev. Mother Rose memorial endowment (for women candidates only)		
B.A. Part II English	K. Jayanthi	Sri Parasakthi College, for Women, Courtalam.
27. Sri M. Bhaktavatsalam 69th birthday commemoration prize		
B.A. Part III History main	C. Johnson	Scott Christian College, Nagercoil.
B.A. Br. III (a) Social Science main.	P. Suriya Prabha	Lady Doak College, Madurai.
B.A. Br. IV Economics main	P. Gunasegaran	Aditanar College of Arts and Science, Tiruchendur.
B.A. Br. XII English main	N. Sankara Sundari	St. Mary's College, Tuticorin.
B.A. Br.XII(a) Tamil main	S. Ananthammal	S.F.R. College for Women, Sivakasi.
28. 45th Annual meeting of the Inter University board of India and Ceylon-endowment		
M.Sc. Br. VI (b) Biology	N. Paulin Vimala Christabelle	Dept. of Biology, Madurai University.
29. Fischer endowment medal		
Part III Mathematics-PUC	S. Subbiah	American College, Madurai.
30. 45th Annual meeting of the Inter-University board of India and Ceylon endowment		
Part III Indian Music - PUC	S. Saradha	Sathguru Sangeetha Vidyalaya, Madurai.

APPENDIX-U

DEPARTMENT OF PHYSICAL EDUCATION

Staff: Thiru R.C. Sathyanesan, M.A., B.T., D.P. Ed., M.P.E., Director of Physical Education and Recreation.

The Syndicate at its meeting held on 21-4-75 was pleased to enhance the Games Fee from Rs. 15/-to Rs. 20/-from the academic year 1975-76. Also it was resolved to request the principals to pay Re.1/-to the university being the Sports Affiliation Fee per annum per student out of the Games Fee from the academic year 1975-76.

The following players/athletes of our univerity attended the N.S.O. Coaching Camp-cum-Competition Programme conducted under the auspices of the Inter-University Sports Board of India at the NS NIS, Patiala in May/June 1975.

Game	Name of the athlete/player	College
1. **Hockey**	1. E. Nirmalraj	St. John's College, Palayam-kottai.
	2. S. Sundaresan	-do-
	3. K. Jothikumar	St. Xavier's College, Palayam kottai.
2. **Athletics**	1. K.SP. Manickam	Alagappa College of Physical Education' Karaikudi
	2. P.V. Kamaraj	R.D.M. College, Sivaganga
	3. K.P. Philip	St. John's College, Palayam-kottai.
3. **Football.**	I. Gnanamuthu	R.D.M. College, Sivaganga
4. **Basket-ball**	P. Balasubramaniam	G.V.N. College, Kovilpatty.

Two of our athletes, Thiru K. SP. Manickam of A.C.P.E., Karaikudi and Thiru K. Rajamanickam of S.S.A. College, Devakottai have been awarded the N.S.O. Sports Talent Scholarship of Rs. 1000/-each for the year 1974-75.

The Director of Physical Education & Recreation attended the Conference of Directors of Sports of Indian Universities and the Seminar on University Sports held at Gujarat University, Ahmedabad, on 9th and 10th May 1975.

In July 1975, the Zonal meetings for the four men zones and women one zone were held separately. The inter-collegiate and inter-zonal competitions insports and games for the year 1975-76 were discussed and the fixtures were drawn up. The zonal Chairmen and Conveners were elected in the meetings. The following were elected as Zonal Chairmen and Conveners for 1975-76.

A-Zone

Chairman : Prof. T.S.R. Ramdhas, M. A.,
Principal, A.P. College of Indian Culture, Palni.

Convener : Thiru K. E. Ramakrishnan, B. Com., D.P. Ed.,
Asst. Prof. of Physical Education,
A.P. College of Indian Culture, Palni.

B Zone

Chairman : Prof. D. R. Krishnan, M. A.,
Principal, A.P.S.A. College, Tiruppattur.

Convener : Thiru G.P. Muthoo, M.A., B.T., D.P.Ed.,
Asst. Prof. of Physical Education,
A.P.S.A. College, Tiruppattur.

C-Zone

Chairman : Dr. T. Koilpillai, M.A., M.Ed., Ph.D ,
Principal,
A.N.J.A. College, Sivakasi.

Convener : Thiru P. Ganesan, B.Sc., B.P.Ed.,
Asst. Prof. of Physical Education,
A.N.J.A. College, Sivakasi.

D-Zone

Chairman : Prof. S. Srinivasan, M.A.,
Principal, M.D.T. Hindu College, Tirunelveli.

Convener : Thiru N.C. Narayanan, B.A., M.P Ed.,
Asst. Prof of Physical Education.
M.D.T. Hindu College, Tirunelveli.

Women-Zone

Chairman ; Tmty. G. Anushiya Devi. M.A., B.T.,
Principal, V.V.V. College for Women, Virudhunagar.

Convener : Selvi A V. Jebakkani Balammal B.Sc., B.P.Ed.,
Asst. Prof. of Physical Educntion,
V.V.V. College for Women, Virudhunagar.

On 11th August 1975, the Sports and Tournaments Committee of the Madurai University met at Palkalainagar with Thiru R. Kanagasabapathy in the chair. It was resolved that the Madurai University shall participate in the following games & sports in the inter-university competitions for the year 1975-76.

Men : Athletics, Basket-ball, Ball-Badminton, Chess, Cricket, Foot-ball, Hockey, Kabaddi, Tennis, Table Tennis, Volley-ball and Weight Lifting.

Women : Athletics. Basket ball, Ball - Badminton, Kho-Kho, Table Tennis and Volley-ball.

Inter - Collegiate Tournaments & sports for Women

The inter-collegiate tournaments for Women in Volley-ball, Kho-Kho, Ball Badminton, Tennikoit, Basket-ball, Table Tennis and Chess was conducted at V.V. Vanniaperumal College for Women, Virudhunagar, on a central system from 9th to 11th October, 1975. Lady Doak College, Madurai, won the aggregate championship for the year 1975-76.

The Results

Basket - ball:

Winners: V.V.V. College for Women, Virudhunagar.

Runners-up: Lady Doak College, Madurai.

Ball badminton

Winners: Lady Doak College, Madurai.

Runners-up: Scott Chritian College, Nagercoil.

Chess

Winners: Lady Doak College, Madurai.

Runners-up : Sri Meenakshi Govt. College for Women, Madurai.

Kho - Kho

Winners: V.V.V. College for Women, Virudhunagar.

Runners-up : Lady Doak College, Madurai.

Tennikoit

Winners: V.V.V. College for Women, Virudhunagar.

Runners-up : S.F.R. College for Women, Sivakasi.

Table Tennis

Winners: Fatima College, Madurai.

Runners-up : Lady Doak College, Madurai.

Volley - ball

Winners: Fatima College, Madurai.

Runners-up : Sri Meenakshi Govt. College for Women, Madurai.

The Madurai University 10th Women Inter—collegiate Athletic Meet was conducted at Sara Tucker College, Palayamkottai on 26th and 27th November 1975.181 athletes from 22 colleges participated in the Athletic Meet.

Inter collegiate Tournaments & sports for men

The Inter - Collegiate tournments for men are in progress. In the Inter Zone Chess conducted at M.D.T. Hindu College, Tirunelveli, Tirunelveli Medical College was the winner and Madurai Medical College was the Runner-up. In Cricket conducted at Madura College, Madurai, Madura College won the Inter - Zone Championship and St. John's College came as Runners-up.

The Madurai University Tenth Inter-Zone Athletic Meet was Conducted at M.D.T. Hindu College, Tirunelveli, on 28th and 29th November 1975. 116 athletes from the four zones participated in the Meet. New University Records were created in 400 Mts. Hurdles, 1500 Mts. Race and 5000 Mts. Race.

Inter University tournaments

The Madurai University participated at the inter-University level in Foot-ball at Mysore, Volley-ball (Men) at Trivandrum, Volley-ball (Women) at Calicut, Kabaddi at Tirupati, Table Tennis (Men & Women) at Madras, Basket-ball (Women) at Tirvandrum, Chess at Ahmedabad. Our university. Table Tennis (Men) team won the first round against Sardar Patel University. Our university Volley-ball (Men) team did very well against Mysore and lost against Madras University.

Our Basket-ball (Women) team participated in the Inter-University South Zone Tournament at Trivandrum. Madurai University was qualified to participate in the final league. This is the first time that our Basket-ball (Women) team came upto the league-level.

In the third week of December, 1975 the Madurai University participated in the All India Inter-University weight Lifting and Best Physique Competition at Aligarh. Two of our weight lifters, Thiru M. Amirtharaj of N. M. S. S. Vellichamy Nadar College, Madurai, secured the FIRST PLACE in the Bantam Weight Class and Thiru S. V. Sudharsan of V. O. C. College, Tuticorin secured a FIRST PLACE and also has established the All India Inter-University Record in the Middle Class. This indeed is an unique achievement for our university.

In the All India Inter-University Athletic Meet held at Hyderabad in the last week of December 1975, three of our athletics have distinguished themselves by securing Second Places in 400 Mts. Hurdles, High Jump and Pole Vault.

All India Inter University ball badminton (Men) tournament

Madurai Universisy will be conducting the All India Inter-University Ball Badminton (Men) tournament in the third week of Janunry 1976 at Madurai.

Core programme in physical education

The Core Programme in Physical Education for the Pre University Class has been implemented this year also on an optional basis. 20 Colleges are enrolled.

APPENDIX - V

ACTIVITIES OF NCC IN THE AFFILIATED COLLEGES OF MADURAI UNIVERSITY DURING THE YEAR 1975

1. **Enrolment of cadets and training** :

2419 boys and 503 girls have been enrolled during the current academic year. 70% of the NCC Training for the year has been completed by now, in most of the colleges.

2. **Strength of cadets:**

Present strength of cadets in the affiliated Colleges of Madurai University is as under :-

Senior Division Boys	-	3922
Senior Wing Girls	-	879
No. of Colleges	-	51

3. **Average percentage of attendance:**

Average percentage of attendance on parades - 76%

4. **Grant of NCC Commission:**

3 Teaching members of Colleges have been granted NCC Commission during the period and are now performing NCC duties.

5. **Pre-Commission and refresher training course:**

4 Officers completed Pre-Commission Training Course.

15 Officers completed Refresher Training Course.

6. **Republic day contingent:**

22 Senior Division Cadets (Boys) and 8 Senior Wing Girls Cadets have been provisionally selected and sent to Madras to attend the Pre-Selection Camp for the Republic Day Celebrations to be held on 26th Jan. 76 at New Delhi. List of Cadets who are finally selected is awaited.

7. **Shooting competition:**

One Team each from Senior Division Boys and Senior Wing Girls took part in Inter Group Shooting Competition which was held by the NCC Directorate Tamilnadu & Pondicherry at Coimbatore during Sep. / Oct. '75.

8. **Guard of Honour:**

An Inter Services Guard of Honour was presented to his Excellency Thiru B. D. JATTI, Vice President of India by NCC Cadets of both Army and Navy on 9 Oct. 75 at Madurai University Campus.

9. **Annual Training camps and regular army attachment - attended by NCC Officers and Cadets:**

Nature of Camps:	**Attendance:**	
	Officer	**Cadets**
Annual Training Camp Boys	10	360
Annual Training Camp Girls	7	142
Attachment to Regular Army Units	2	96
Centrally Organised Camps at other States — Boys	2	46
Centrally Organised Camps at other States — Girls	2	22

10. **Para Jumping Training**

One Cadet — Under Officer A JEGANATHAN, Thiagarajar College, Madurai successfully completed para jumping training for 35 days at Para Training School, Agra during Sep./Oct. 75. This is the first occasion when a cadet from this Group has been selected to undergo this exciting and adventureous Course.

11. Annual Range Classification - Cadets

50% of Cadets have completed their Annual Range firing in various places. Improvised ranges have been used where a proper range is not available. The remaining cadets will complete the firing by January '76. All cadets are very enthusiastic in carrying out firing practices.

12. NCC Certificate Examination :

NCC Certificate Examinations are being conducted at present.

13. Boat Pulling and Ship Modelling :

Naval Cadets have been given adequate training in Boat Pulling and Ship Modelling. They have taken keen interest in both these activities.

APPENDIX — W

DETAILS OF DEBATING COMPETITIONS HELD DURING THE YEAR 1975

Sl. No. 1	Details of the Debating competition 2	Name of the Topic 3	Place where held 4	Name of participant and college 5	Judges 6	Winners 7
1.	Lalgudi L.N. Paramasivam Pillai - Soundra-nayaki Ammal rolling cup (for Men)	"அறிவியலும் அறவியலும் இணைந்தால் சமுதாயம் முன்னேற்றமடையும்"	University Buildings, Palkalainagar, Madurai - 21.	1. Gladys D. Kulothungan, American College, Madurai-2.	1. Dr. M. Shanmugam Pillai, Prof. & Head of the Dept. of Tamil, Madurai University, Madurai - 21.	Thiru Vallabai Amirthappa, St. John's College, Palayamkottai.
				2. M. Thangaraj, Arulmigu Palaniandavar College of Indian Culture, Palani.	2. Prof. T.A. Chockalingam, Principal, Yadaya College, Madurai.	
				3. S. Pugalendhipandian, V.H.N.S.N. College, Virudhunagar.	3. Prof. S. Ramar, Professor of Tamil, N.M.S.S. V.N. College, Madurai - 19.	
				4. R. Mohan Balasubramanian, A.P.S.A. College, Tiruppattur.		

				5. K.S. Kalyanasundaram V.O.C. College, Tuticorin. 6. K. Thaynmana Sundaram, M.D.T. Hindu College, Tirunelveli. 7. Vallabai Amirthappa, St. John's College, Palayamkottai. 8. V. Mangala Antony Surendra, Scott Christain College, Nagercoil.		
2.	Dr R.P. Sethu Pillai rolling cup (for Women)	"அறிவியலும் அறவியலும் இணைந்தால் சமுதாயம் முன்னேற்றமடையும்"	University Buildings, Palkalainagar, Madurai-21.	1. C.S. Visalakshi, Fatima College, Madurai-18. 2. S. Ponni, V.V.V. College for Women, Virudhunagar. 3. H. Subbulakshmi, Annammal Training College, Tuticorin. 4. Jasmine, Holy Cross College, Nagercoil.	Same Judges as per the competition No. 1	Selvi C.S. Visalakshi, Fatima College, Madurai-18.

APPENDIX - X

DEPARTMENT OF YOUTH WELFARE

DIRECTOR : V. Dakshinamoorthi, M.A.

1. General progress:

The activities of the Department of Youth Welfare in developing various student services in affiliated colleges have increased every year gradually. Upto 1974, about 25 colleges were active in developing more co-curricular activities. This year about 50 colleges have evinced great interest in taking part in our training programmes. About 662 teachers from 90 colleges were introduced to the objectives of Orientation and Advising programme during this year. As an experiment, intercollegiate cultural evenings were planned to be conducted at rural centres. Under the direct guidance of our Vice-Chancellor, this department has arranged three seminars on job-oriented courses during this year. Inter-collegiate university level competitions on 25 histrionic talents have been conducted in three centres. Compared to the last year, participation of students and colleges has increased considerably now.

Prizes and Certificates to the winners of inter-collegiate competitions held during the year 1974-75 were distributed by our revered Vice-Chancellor at a function arranged on 17-2-1975.

The National Service Scheme was extended to 48 Colleges this year.

The Meeting of the Youth Welfare Board for the year 1975-76 was conducted on 28-3-75 at Palkalainagar. Most of the recommendations of the board were implemented during this year before December 1975 as planned. A proposal to start Diploma Courses in Student Services and Counselling is under consideration. Three Press Conferences were arranged by the Department of Youth Welfare.

Rovering and Rangering:

Introduction of Rovering in sixteen Colleges with the assistance of Tamilnadu Bharath Scouts & Guides is a new step taken by the department under the able guidance of our Vice-Chancellor. Steps are being taken to introduce Rangering in few Womens' Colleges as a mark of International Women's year.

Student Home:

A Day scholars centre is maintained in the Student Home at Palkalainagar for the use of day scholars of the University departments. The University Employment Information & Guidance Bureau functions in the first floor of the Student Home. Few workshops and seminars and meetings of Research scholars'Association, Madurai University Faculty Association and various departments are being conducted at the seminar hall of the student home. Exhibition of photographs and paintings of students, exhibition of Mass Media Materials for YADD Campaign, and Exhibition of books of Macmillan were conduct ted there. Department of Youth Welfare maintains a stock of display panel boards with stands for the permanent use of exhibitions.

Hiking and Cycling:

The Principal, Aditanar College of Arts & Science, Tiruchendur has been nominated as Convener to conduct Hiking and Cycling competitions.

Steps are being taken to conduct Hiking & Cycling competition.

Photographic Unit:

A photographic unit was established at the Student Home to provide training in photography for students and teachers. The first training programme was conducted by this uuit for 35 teachers of affiliated colleges during the month of June for 4 days. This unit has prepared a set of 200 black & white 35mm slides on hobbies for the use of our department. A set of 120 colour slides were prepared for screening in theatres of our districts on Youth Against Dirt and Disease Campaign. Lions Club of Madurai Host has supplied raw materials at their cost for these YADD slides. This Unit had taken photographs during the functions of the university.

Health Centre:

Construction of a building for the University health centre at a cost of Rs. 6,00,000 is under progress.

Educational Film Library:

This library maintains 199, 16mm educational films. During this year 172 films were circulated to 17 colleges free of charge. Steps are being taken to procure few film strips and films to be added to this library.

Preparation of literature:

The Directer has prepared a Directory of Visual Aids and a bibliography of books on Student Services. They were circulated to all Colleges. Literatures compiled and prepared by the Director on Cine-Forum, hobbies, orientation & advising etc. were utilized during this year. A folder on NSS is under preparation. Six kinds of colour posters and one folder for YADD Campaign were designed and produced by the department. Steps are being taken to publish the first volume of WUS bulletin of our Madurai World University Service.

Help to others:

Department of Youth Welfare has helped United States Information Service, Madras to conduct "Perspective of America" programme in the University from 15th Septemper to 17th Septemper 75. M/s Macmillan company was helped to conduct a Book Exhibition from 3rd to 13th October 1975. Foreign students who have applied through the proper channel were helped to seek admission for various courses in colleges.

International Women's Year:

As a mark of International Womens' Year, out of 10 NSS units granted during this year, 5 units were granted to various womens' colleges, It has been planned to celebrate International Womens' Year under the auspices of World University Service.

NATIONAL INTEGRATION SAMITI

The National Integration activities are expected to be conducted in 57 colleges belonging to six units as per the constitution of National Integration Samiti of Madurai University. An advance stamped receipt for a grant of Rs. 2400/- for Madurai unit was sent to the Government and the grant is being expected in this term.

Other units are receiving grants directly.

One day camp on National Integration was conducted at Eramanaik-kampatti village on 20-9-75.

A troupe of students of National Integration Samiti visited Kerala University on 15-2-76.

Gandhi week was celebrated from 22-10-75 to 29-10-75.

Nehru's birth day was celebrated on 14-11-75.

Seminar on services of Martyrs of freedom struggle has been planned to be conducted on 20-12-75 at Kanakkanpatti.

Thiru V. Dakshinamoorthi, Director of Youth Welfare, a programme Co-ordinator of National Integration Samiti was deputed to attend the conference of National Integration Samitt Coordinators at Aligarh Muslim University, Aligarh from 30th November 1975 to 2nd December 1975.

PARTICULARS OF 16 WORKSHOPS ON ORIENTATION & ADVISING

S.No.	Name of the Convener	Place	Date	No. of. partici-pants
1	2	3	4	5
1.	The Principal, American College, Madurai.	Madurai	16-6-75	25
2.	The Principal, S. Vellaichamy Nadar College, Madurai.	Palkalainagar	10-6-75	27
3.	The Principal, C.P. Association College, Bodinayakkanur.	Bodinayakkanur	26-6-75	30
4.	The Principal, Arulmigu Palaniandavar Arts College, Palani.	Palani	13-7-75	40
5.	The Principal, G.T.N. Arts College, Dindigul.	Dindigul	12-7-75	40
6.	The Principal, Alagappa College, Karaikudi.	Karaikudi	26-6-75	50
7.	The Principal, The Sethupathi Govt. Arts College, Ramanathapuram.	Rameswaram	28-6-75	37
8.	The Principal, St. Xaviers' College, Palayamkottai.	Palayamkottai	13-7-75	60
9.	The Principal, Aditanar College, Tiruchendur.	Tiruchendur	15-6-75	37
10.	The Principal, Pioneer Kumarasamy College, Nagercoil.	Nagercoil	15-6-75	67
11.	The Principal, Holy Cross College, Nagercoil.	Nagercoil	21-7-75	38

1	2	3	4	5
12.	The Principal, Sri Paramakalayani College, Alwarkurichi.	Alwarkurichi	29-6-75	50
13.	The Principal, V.O.C. College, Tuticorin.	Tuticorin	29-6-75	50
14.	The Principal, V.H.N.S.N. College, Virudhunagar	Virudhunagar	20-7-75	40
15.	The Principal, G.V.N. College, Kovilpatti.	Kovilpatti	29-6-75	31
16.	The Principal, Lady Doak College, Madurai,	Madurai	8-7-75	40

DETAILS OF VARIOUS OTHER TRAINING PROGRAMMES CONDUCTED BY THE DEPARTMENT OF YOUTH WELFARE DURING THE YEAR 1975.

S.No.	Name of the activity	Convener	Place	Date	No. of participants
1	2	3	4	5	6
1.	Workshop for organisers of Photographic club	The Principal, S. Vellaichamy Nadar College, Madurai - 19.	Palkalainagar	18-3-75 to 21-3-75	35
2.	Workshop on Cine-Forum	Director of Youth Welfare	do	27-5-75 to 30-5-75	36
3.	Workshop for teachers in-charge of vocational guidance	Director of Youth Welfare	Palkalainagar	9-2-75 to 11-2-75	35
4.	Workshop for teachers in-charge of hobby clubs.	The Principal, Alagappa College of Physical Education, Karaikudi.	Karaikudi	28-8-75 to 31-8-75	54
5.	Principals Association seminar on Job-oriented courses.	The Principal, G.T.N. Arts College, Dindigul.	Courtallam	16-8-75 to 17-8-75	35

1	2	3	4	5	6
6.	Inter-Collegiate seminar on internal assessment and semester system for students and teachers.	Director of Youth Welfare & Principal, American College, Madurai.	Palayamkottai	27-7-75	43
7.	Workshop for teachers in-charge of Radio clubs.	The Principal, Christian College, Martandam.	Martandam	16-9-75 to 20-9-75	60
8.	Meeting of service organization on Job-oriented courses	Director of Youth Welfare	Guest House	15-5-75	35
9.	Forum on teaching techniques	The Principal, Annammal Training College for Women, Tuticorin.	Tuticorin	25-10-75 to 27-10-75	60
10.	Training for Rovers Leaders in collaboration with Bharath Scouts & Guides.	The Principal, Alagappa College of Physical Education Karaikudi.	Thondi	2-8-75 to 10-8-75	25

Details of Quiz programmes at 4 districts:

	District	Convener	Date	place	No.of partici-pants
1.	Madurai	The Principal, Saraswathi Narayanan College, Madurai-12.	23-8-75	Madurai	68
2.	Ramnad	The Principal, Alagappa College, Karaikudi.	27-10-75	Karaikudi	50
3.	Tirunelveli	The Principal, St. Xavier's College, Palayamkottai.	Proposed to be conducted in the month of January, 1976.		
4.	Kanyakumari	The Principal, S.T. Hindu College, Nagercoil.	9-11-1975	Nagercoil	65

UNIVERSITY EMPLOYMENT INFORMATION & GUIDANCE BUREAU

This University Employment Information and Guidance Bureau was opened on 6-5-69. It is functioning in the portion of the building of Students' Home from 23-11-74.

Thiru V. Dakshinamoorthi, M.A., Director of Youth Welfare is the Chief of the University Employment Information and Guidance Bureau. Thiru S. A. S. Munshi is the Deputy Chief.

The List of the activities of the Bureau for the current year is given hereunder:-

1.	Number of persons who received individual information.	332
2.	Number of persons who visited the bureau.	832
3.	Number of persons who have registered for employment.	1005
4.	Number of persons who were placed in jobs.	100

This Burear publishes a monthly bulletin on careers and courses. 25 competitions on histrionic talents were conducted during the year.

National Service Scheme

The overall objective of National Service Scheme is education through community service. With the grant of Central and State Governments, N. S. S. is being implemented in 38 Colleges with a strength of 3,800 students. The Government has increased the strength by 1,000 for the year 1975-76 and the following Colleges were allotted N. S. S. Units :

1. M. V. Muthiah Pillai Government Arts College for Women, Dindigul
2. Arulmigu Palaniandavar Arts Collage for Women, Palani
3. Thianarajar College, Madurai
4. S. F. R. College for Women, Sivakasi
5. Alagappa College, Karaikudi
6. The Sethupathi Government Arts College, Ramanathapuram
7. S. R. Naidu Memorial College, Sattur
8. G. V. N. College, Kovilpatti
9. Sarah Tucker College, Palayamkottai
10. St. Mary's College, Tuticorin.

Including the above 10 new N. S. S. units granted during this academic year 1975-76, 48 Colleges have N. S. S. Units with a strength of 100 each. Total sanctioned strength for N. S. S. during this year is 4,800.

Service Rendered:

Information regarding services of National Service Scheme volunteers during 1974-75 are given below. These informations were collected from the reports of 32 Colleges.

The number of volunteers involved in different N. S. S. activities are given below :

1.	Adult Education	...	...	618
2.	Youth Club	...	...	70
3.	Conducting Supplementary Class to School Children	...	...	932
4.	Organising Recreational Activities to School Children	...	...	479
5.	Science Club	...	...	177
6.	Organising Rural Sports	...	...	50
7.	Organising Cycle Library	...	...	16
8.	Planting Seedlings	...	...	306
9.	Laying N. S. S. Parks	...	...	786
10.	Road Laying	...	...	695
11.	Dispensary	...	...	120
12.	Nutrition Programme	...	...	117
13.	Kitchen Garden Work	...	...	541
14.	Blood Donation	...	...	20
15.	Traffic Regulation	...	...	159
16.	Small Savings Campaign	...	...	65
17.	Campus Beautification Service	...	...	120
18.	Mass Immunisation	...	...	120
19.	Organising Games for School Children	...	...	307
20.	Shramdan Activities	...	...	2110

Particulars of Activities :

1.	Science Clubs Organished	—	—	26
2.	School Children Helped to handle Laboratory equipments	—	—	597
3.	School Children helped to give talks on Science Subjects	—	—	66
4.	Lectures arranged in Schools on Science Subjects	—	—	180
5.	Exhibits prepared for Science Clubs	—	—	177
6.	Practicals conducted for School Students	—	—	106
7.	Models prepared for Science Club	—	—	17
8.	Adults Helped through Adult Education		—	1495
9.	Villages where Adult Education Centres Conducted		—	39
10.	Plants planted	—	—	651
11.	Value of produce in Kitchen Garden in the Colleges		—	Rs. 411/86
12.	Voluntary Agencies helped	—	—	33
13.	Youth Clubs Organised	—	—	20
14.	Approximate value of work done in Shramdan Activities	—	—	Rs. 8,005
15.	Approximate value of assets built	—	—	Rs. 14,345/-

Youth Against Dirt and Disease Campaign:

With the special grant received from the Central and State Governments, 11 colleges have conducted 'Youth Against Dirt and Disease Camps' during the Pooja Holidays. 37 colleges have proposed to conduct these camps during December holidays. Six inter collegiate YADD camps will be conducted during this year .Each camp will entroll 50 volunteers for a duration of 10 days. N. M. S. S. Vellaichamy Nadar College, Madurai and St. John's College, Palayamkottai have conducted 'Youth for Afforestation and Tree Plantation' at Berijam and Thadikarankonam respectively during Pooja holidays.

Proposals:

The Department of Youth Welfare has proposed to conduct the following Orientation Camps to the students at places mentioned against them during this academic year.

1.	Orientation for Student Leaders in Charge of Youth for Literacy Campaign	Nagercoil
2.	Orientation for Student Leaders in charge of Youth Club & Bicycle Library	Tuticorin
3.	Orientation for Student Leaders in Charge of Help to School-going Children	T. Kallupatti
4.	Orientation for Student Leaders in Charge of Science Club	Palkalainagar
5.	Orientation for Student Leaders in Charge of Keep the City Clean Campaign	Gandhigram
6.	Orientation for Student Leaders in Charge of Introducing Sanitary Latrines	Gandhigram

The duration of the above Orientation Camps will be three days.

An Orientation camp for teachers in-charge of Youth Against Dirt & Disease Camp was also conducted by the Department of Youth Welfare at Palkalainagar from 28.7.75 to 29.7.75 with the assistance of the State Government Officials.

The N.S.S. Advisory and Review Committee meetings were held at Palkalainagar on 30th July, 1975.

The Madurai City College N.S.S. volunteers have participated in the 'Keep the City Clean Campaign' launched by the Madurai Corporation.

Youth For Literacy Campaign started during the last year has been extended for this year in 29 colleges.

List of colleges having N.S.S. and name of the programme officers:

Sl. No.	Name of the college	Name of the Programme Officer
1	2	3
1.	The American College	Thiru S. John Sahayam
2.	Fatima College	Selvi Rosy Thanikal
3.	Scott Christian College	Thiru S.R. Chandran
4.	V.H.N. Senthikumara Nadar College	Thiru S. Chandra Bose
5.	Aditanar College	Thiru A. Rajamarthandan
6.	Arulmigu Palaniandavar Arts College	Thiru S. Veluchamy
7.	Arumugam Pillai Seethai Ammal College.	Thiru N. Kalaithasan.

1	2	3
8.	Ayya Nadar Janaki Ammal College	Thiru A. Kesavamoorthy
9.	Christian College	Thiru P. Austin
10.	Lady Doak College	Selvi C.K. Syamala
11.	Madurai Medical College	Thiru K.A. Krishnamoorthy
12.	Sri Paramakalyani College	Thiru M. Rajamani
13.	Thiagarajar College of Engineering	Thiru M. Ayyadurai
14.	Arignar Anna College	Thiru S. Chidambaram Pillai
15.	S. Vellaichamy Nadar College	Thiru R. Jothimani
16.	Sree Meenakshi Govt. College (W)	Thiru A. Sundari
17.	The M.D.T. Hindu College	Thiru A. Kathirvel Arumugam
18.	Yadava College	Thiru G. Thiruvasagam
19.	Sri Parasakthi College (W)	Selvi R. Kasthuri
20.	Arul Anandar College	Thiru M.L. Jesudoss
21.	Govt. College of Indian Systems of Medicine	Dr. K. Jeyapaul
22.	G.T.N. Arts College	Thiru M. Padmanabhan
23.	Holy Cross College	Selvi S. Krishnammal
24.	Kamaraj College	Thiru M. Jesu
25.	Madura College	Thiru V. Krishnan
26.	R.D.M. College	Thiru S. Arulappan
27.	Sadaquathullah Appa College	Thiru M. Kaja Kamaludeen
28.	Saiva Bhanu Kshatriya College	Thiru Stanislas
29.	Saraswathi Narayanan College	Thiru Vijayakumar
30.	Sourashtra College	Thiru A. Singarayar

1	2	3
31.	S.T. Hindu College	Thiru S. Boothalingam Pillai
32.	St. John's College	Thiru M. Johnson Solomon
33.	St. Xaiver's College	Thiru M.S. Arokiaswamy
34.	Tirunelveli Medical College	Thiru N. Venkatesan
35.	Vivekananda College	Thiru N. Retnasamy
36.	V.O.C. College	Thiru P.S. Narayanan
37.	V.V. Vanniaperumal College (W)	Tmty. Jeyalakshmi
38.	Pioneer Kumaraswamy College	Thiru S. Manoharan
39.	Alagappa College	Thiru A. Kulanthairaj
40.	Arulmigu Palaniandavar Arts College for Women	Selvi R. Rengammal
41.	M.V.M.P. Govt. Arts College (W)	Tmty. R. Romilla Thomas
42.	S.R. Naidu College	Thiru K.S. Velusamy
43.	St. Mary's College	Selvi Lettitia Mary
44.	The Sethupathi Govt. Arts College	Thiru D. Baskaran

WORLD UNIVERSITY SERVICE

The World University Service is an International Voluntary organisation of students, teachers and administrators of various universities functioning in about 69 countries. In India about 33 Universities have W.U.S. Committees. 40 Colleges and 21614 students have enrolled as members of Madurai University W.U.S. Committee during the year 1974-75. During the year under report, in addition to the regular W.U.S. Intensive Medical check-up college level W.U.S. Committees were persuaded to conduct their intra-mural activities.

Medical check up Schemes :

During the months of October and November, Intensive Medical check-up programme was conducted simultaneously in four districts (in five zones) with the assistance of Medical Colleges and District Medical Officers. Details of W.U.S. Medical check-up are given below:

Conveners:

1. Madurai City Colleges	— Dr. Bhupathi, M.D. F.I.C.S., Dean Madurai Medical College.
2. Madurai Mofussil Colleges	— Dr. S. Mahadevan, B.Sc., MBBS., District Medical Officer, Madurai at Dindigul.
3. Ramnad Dist. Colleges	— Dr. P. Ramnath, MBBS, District Medical Officer, Ramnad.
4. Tirunelveli and Kanyakumari Dists. except Tuticorin and Tiruchendur Colleges	— Dr. P. Natarajan, M.D., Principal, Tirunelveli Medical College, Tirunelveli.
5. Tuticorin and Tiruchendur Colleges	1. Dr. S. Christaff, MBBS, District Medical Officer, Tirunelveli Dist. at Tuticorin. 2. Prof. S. Selvaraj, M.A., Principal, Kamaraj College, Tuticorin.

It is heartening to note that W.U.S. activities have taken a new shape during this year. The colleges having W.U.S. Committees were allowed to retain 20% of the W.U.S. subscription to develope intra-mural activities. For the past seven years, in the conducting of Intensive Medical check-up Programme, the colleges did not show much interest as they were expected to. This year improved methods of communication and organisation were introduced to make the students and teachers to realise the usefulness of this Medical service. N.S.S. Machinery and Physical Directors were also geared into action to make this scheme, a laudable success. Number of Specialist Doctors of E. N. T., Eye, Dental, Medicine and Surgery deputed to individual colleges have been increased. For mofussil Colleges of Madurai and Ramnad Districts and for Tuticorin colleges Siddha Doctors were also deputed. For Colleges of Madurai city, Kanyakumari and Tirunelveli except Tuticorin, daily 15 to 35 medical specialists were deputed. Services rendered by Madurai and Tirunelveli Medical Colleges are appreciable. The experience of conducting W. U. S. Intensive Medical check-up for the past 7 years has created a favourable atmosphere to conduct a scientific survey of "Disease pattern of college students and remedial measures". A proposal of conducting a similar survey will be considered for the next year.

Cultural Troupe:

Steps are being taken to depute a Cultural Troupe to the North Indian Universities under the joint auspices of the World University Service of Madurai Committee and the Indian National Committee. Applications from Colleges with the Talent Forms are being received for the selection of the Talented students for the proposed Cultural Troupe. A Three member Committee has been nominated for the selection of students. As soon as the dates are fixed by Indian National Committee of W.U.S. the Troupe will be selected.

International Women's Year :

The meeting of the Principals of local Women Colleges of Madurai was conducted on 27. 9. 75. The members discussed with the Vice-Chancellor various aspects of the celeberation of International Women's year and it has been proposed to conduct a Fun fair and Exhibition at Madurai and an Inter-collegiate Seminar at Palayamkottai during December 1975. The Principal,

Fatima College and the Principal, Sarah Tucker College, Palayamkottai have been nominated as Conveners and Rs. 10,000/- and Rs. 2000/- were sanctioned for the purpose from W. U. S. funds.

4. W. U. S. Bulletin:

Under the Editorship of the Director of Youth Welfare, a W. U. S. Half yearly bulletin is to be released from December '75 for which colleges have been requested to contribute articles and reports on co-curricular activities of thier colleges. Prof. T. Vaithamanithy, Aditanar College of Arts and Science will be the Associate Editor for this Bulletin.

5. W. U. S. College level activities:

W. U. S. Member Colleges were requested to retain 20% of the Institutional Subscription and Student membership fee collected for the use of their college level activities in the line of International Women's year and Micro area Survey etc.

6. General Body and Executive Committee Meeting:

The W. U. S. General Body and Executive Committee Meeting held on 15. 3. 1975 at the University Buildings, Palkalainagar. The Vice-Chancellor presided over the meetings. 5 Executive members and 17 General Body members have attended the meetings.

APPENDIX — Y

INSTITUTE OF CORRESPONDENCE COURSE AND CONTINUING EDUCATION

The Institute is in its fifth year. It made its beginning with 1054 students in 1971. The activities of the Institute have developed enormously and it has 18,134 students on the rolls at present as against 14,661 students during 1974.

During 1975 the following new subjects were included under Part III of the Pre-university Course.

1) Geography

2) Elements of Political Science.

B.Com. Degree course which was hitherto conducted in English Medium alone, is being conducted in Tamil Medium also from the academic year 1975-'76.

At present the Institute is offering the following courses with the combination of subjects under Part III.

I. **Pre-University Course :**

Group	I	-	Mathematics, Elements of Commerce and Elements of Economics.
Group	II	-	History, Elements of Political Science and Elements of Economics.
Group	III	-	History, Elements of Commerce and Elements of Economics
Group	IV	-	History, Elements of Commerce and Logic.
Group	V	-	History, Elements of Economics and Geography.
Group	VI	-	History, Elements of Economics and Psychology.
Group	VII		History, Elements of Economics and Advanced Tamil.

II. B.A. Degree Course :

	Main		Ancillary
Branch I -	History	...	1) Modern Governments & General Economics 2) Political Theory & General Economics
Branch II -	Political Science	...	Political and Constitutional History of England & General Economics
Branch IV -	Economics	...	1) History of India Paper-II & Elements of Economic Statistics 2) Modern Governments and Elements of Economic Statistics.

III. B.Com. Degree Course :

Part I - Tamil / Introduction to Law of Banking in lieu of languages

Part II - English

Part III - Optionals

1) Costing & Income Tax and Auditing

2) Co-operation

The first batch of graduates have completed the B.Com. Degree examination at the final year examination held in April 1975.

The following is the medium-wise break up of the students:

Pre-University Course :

Group	Medium	Men	Women	Total
I	English	311	96	407
I	Tamil	55	11	66
II	English	144	29	173
II	Tamil	91	20	111
III	English	1505	309	1814
III	Tamil	768	81	849
IV	English	136	43	179
IV	Tamil	30	9	39
V	English	185	97	282
V	Tamil	1	2	3
VI	English	62	41	103
VI	Tamil	80	28	108
VII	English	263	118	381
VII	Tamil	786	306	1092
		4417	1190	5607
Parts	—	516	52	568
Total No. of Students	—			6175

B.A. Degree Course :
FIRST YEAR

Branch		Main	Medium	Men	Women	Total
I	—	History	English	570	173	743
I	—	History	Tamil	838	152	990
II	—	Political Science	English	48	11	59
II	—	-do-	Tamil	30	7	37
IV	—	Economics	English	277	97	374
IV	—	Economics	Tamil	139	17	156
				1902	457	2359

B.A. Second Year:

Branch		*Main*	*Medium*	*Men*	*Women*	*Total*
I	...	History	English	556	116	672
I	...	History	Tamil	712	98	810
II	...	Political Science	English	54	8	62
III	...	-do-	Tamil	21	2	23
IV	...	Economics	English	360	84	444
V	...	Economics	Tamil	120	6	126
				1823	314	2137

B.A. Third Year:

Branch		*Main*	*Medium*	*Men*	*Women*	*Total*
I	...	History	English	309	83	392
I	...	History	Tamil	437	51	488
II	...	Political Science	English	26	6	32
II		-do-	Tamil	11	—	11
IV	...	Economics	English	238	48	286
IV	...	Economics	Tamil	70	9	79
				1091	197	1288

B.Com. Degree Course:

First Year		*Men*	*Women*	*Total*
English Medium	...	2115	360	2475
Tamil Medium	...	248	37	285
Second Year	—	1975	250	2225
Third Year	—	1109	81	1190
		5447	728	6175

The academic staff consists of the following:

Subject	*Senior Lecturer*	*Lecturers*
English	1	5
Tamil	—	8
Economics	1	7
History	1	7
Logic	—	1
Psychology	—	2
Political Science	1	3
Commerce	1	7
Mathematics	—	2
Geography	—	2
Mercantile Law	—	1 (Part—time)
Costing & Auditing	—	2 (Part—time)

In addition to the above full time lecturers, Response Sheet checkers were also appointed for correction. The following is the Number.

Subject	Response Sheet Checkers
Tamil	20
English	19
History	6
Commercs	9
Economics	12
Mathematics	1

Contact Seminars have been arranged for the benefit of the students at the following centres:

1) Madurai
2) Tirunelveli
3) Madras
4) Vellore
5) Tanjore
6) Trichirappalli
7) Coimbatore
8) Salem
9) Cuddalore

In each centre, the lecturers conduct classes for 2 days i.e. on Saturdays and Sundays. Two seminars in a year are held for P. U. C. and Ist year degree students and 3 seminars for the IInd& IIIrd year degree students. As such all Saturdays and Sundays including Pooja Holidays without a break from 2 nd week of October to 3 rd week of March are utilised for the Contact Seminars.

A statement showing the percentage of passes in 1975 is furnished hereunder:

1. **Pre - University Course:**		**No. Examined**	**No. Passed**	**Percentage**
Whole Examination	–	3791	1339	35.3 %
Part I	–	3818	2800	73.3 %
Part II	–	3887	2775	71.4 %
Part III	–	4108	1700	41.4 %

II. First Year B.A.

		No. Examined	No. Passed	Percentage
All Parts	—	1934	426	22%
Part I	—	1886	1171	62.1%
Part II	—	1627	664	40.8%
Part III	—	1732	1205	69.6%

Second Year B.A.

All Parts	—	855	315	36.8%
Part I	—	1096	751	68.5%
Part II	—	959	460	48%
Part III	—	1006	625	62.1%

Third Year B.A.

Examined	Passed	I Class	II Class	III Class	Total	Percentage
410	166	1	10	155	166	40.5%

III. First Year B.Com

		No. Examined	No. Passed	Percentage
English	—	1814	820	45.2%
Economic Analysis & Economic Development of India	—	1600	429	26.8%
Accountancy — 1	—	1744	858	49.2%

Second Year B.Com.

Introduction to Law of Banking	—	929	668	72%
Business English	—	921	666	69.3%
Money, Banking & International Trade	—	846	436	51.5%
Economics & Commercial Geography	—	787	443	56.3%

Third Year B.Com.

Examined	Passed	I Class	II Class	III Class	Total	Percentage
228	97	3	26	68	97	42.5%

Since the number of students has gone up considerably, another Bradma Machine was purchased at a cost of Rs. 50,000 to cope up with the work of embossing the addresses of the students and printing the addresses on the covers for the despatch of lessons.

It has been proposed to start the following Post Graduate and the Law Course from the next academic year i. e. 1976-'77 :

1. M. A. in Tamil, English and History.
2. M. Com.
3. B. G. L.

In view of the above, it is proposed to put up additional building to provide accommodation for the office as well as the teaching departments.

APPENDIX-Z

EVENING COLLEGE

1. **Courses Offered :**

The college was started in 1969 with two sections in P. U. C. Degree courses in Economics and Commerce were introduced in 1970. B. A. English Literature was introduced in July, 1971. The following are the courses now offered in the college.

P. U. C.

Part I - Tamil.

Part II - English.

Part III - History, Economics and Commerce.
(English Medium).

B. A. (Economics).

Part I - Tamil.

Part II - English.

Part III - Major : Economics Br. IV.
Ancillaries : History & Statistics.
(English Medium).

B. A. (English)

Part I - Tamil.

Part II - English.

B. Com.

Part I - Elements of Auditing.

Part II - English.

Part III - Groups B & C.
Group C - Special subject : Cost Accounts and Income Tax.

2. Strength :

The College started with a strength of 136 students in 1969. The present strength is 359. The details of the strength in different classes are as follows :

P. U. C.	—	57
II B. A. (Eco.)	—	21
II B. A. (Litt.)	—	4
III B. A. (Eco.)	—	12
III B. A. (Litt.)	—	14
IV B. A. (Eco.)	—	26
IV B. A. (Litt.)	—	11
I B. Com.	—	52
II B. Com.	—	57
III B. Com.	—	58
IV B. Com.	—	47
	Total:	359

3. Staff:

Director: Thiru K. Chellappan, M. A., T. E. O. (Manch).
Part - time lecturers: 60

4. Association:

The College Annual Day was celebrated on the 15th March, 1975 under the Presidentship of Prof S. V. Chittibabu, Vice-Chancellor, Madurai University. The Students' Association was inaugurated on the 16th October, 1975 by Thiru M. Raghupathy, Special Officer of Madurai Corporation, under the Presidentship of Dr. M.A. Thangaraj, the Principal, American College, Madurai-2.

5. Financial Assistance to Students:

The financial assistance to five students under the Collector's Discretionary Fund was continued during the year 1974-75 also.

6. Library:

The College Library has now a collection of 2400 books.

Appendix – AA.

I. POST - GRADUATE MEN'S HOSTEL

The Madurai University Men's Hostel is functioning from the year 1971-72. At present there are two separate Blocks for the Men's Hostel with a total provision of 170 single rooms.

Strength: The strength of the Hostel has increased from 165 to 200 during the year 1975. The executive committee of the Hostel met very frequently to discuss and decide on the day to day affairs of the Hostel.

With a view to reduce the mess rate of the hostel inmates 90 stainless steel plates have been purchased at a cost of Rs. 4860/- from Madurai University Central Co-operative stores, Madurai for the benefit of the inmates.

Activities: Facilities for indoor games are provided. Facilities for ourdoor game such as bad - minton, Volley Ball and Tenni - koit have been provided for the benefit of the members of the hostel. A kabady court has also been provided. During this year our Basket Ball play-ground is being prepared. A new table-tennis table has been purchased at a cost of Rs. 1600/- for the new hostel block for the research scholars.

A radio with an external loud-speaker has also been fixed in the Hostel. A record player has also been purchased. Every month one Tamil film is screened regulary in the Hostel.

II. POST - GRADUATE WOMEN'S HOSTEL

The Women's Hostel started functioning in the new campus with a strength of 60 students. To facilitate the demands of the women students who increased in number, an annexe was constructed at an estimated cost of Rs. 4,75,000

Committees and Meetings:

In the place of the elections, the Warden herself nominated efficient and enthusiastic inmates as floor Representatives to carry on the day to day affairs of the hostel.

Mess:

In addition to meeting on the last week of every month to discuss new charges regarding the menu giving due weightage to the suggestions of the inmates and keeping the mess bill in mind, the Floor Representatives meet periodically to discuss the problem pertaining to the improvement of the hostel in all spheres. The decisions taken by the committee are implemented with the approval of the Warden.

Games:

The inmates of the hostel are provided with facilities to play both indoor and outdoor games. The outdoor games that are played now are badminton, tennikoit, shuttle cock and throw ball. Basket ball is a new addition this year. The indoor games that are played are chinese chequer, Scrabbles, Spellofun, Carrom, Darts, Chess and Cards.

Films:

Subject to availability, good films are screened in the hostel once or twice a month. The Radio and the Stereo-Record Player presented by the G.L.C.A. students are very well used by the inmates as listening to music is one of their pastime.

Periodicals:

To cater to the needs of the voracious readers of the hostel, we buy the leading magezines and dailies. The highlight of this year's activities is the celebration of the International Women's Year in November 1975 with our revered Vice - Chancellor and his daughter Mrs. Vasantha as the Chief Guests. The day was celebrated in a very fitting manner. Another proud feature of this year is the latent beauty of the hostel and its quadrangle were brought to limelight on the 28th, 29th and 30th of December, 1975 when the Women's Hostel was the main venue providing breakfast, lunch, tea and supper for all the delegates of the All India English Teachers' Conference. Apart from many VIPS of the city and the distinguished delegates from all over the country and abroad, we were fortunate in having Rajah Sir Muthiah Chettiar in our midst, who hosted the high tea on 30th December 1975.

APPENDIX—AB

STUDY CENTRES

I MADURAI

1. Staff:-

Assistant Librarian: Thiru G. Dhanasegaran, B.A., B. Lib. Sc.,

2. Grants :-

Recurring Grants:

1. Asst. Librarian and other Staff : Rs. 10,000/-per annum.
2. Contingencies (including electricity charges) : Rs. 3,000/-per annum.

3. Weekly Holiday And Hours of work:

This centre remains open from 9 A.M. to 11 A.M. and from 4 P.M to 8 P.M. on all the days except on Fridays and other public holidays.

4. Technical and Maintenance Works :

745 books were checked, collated, stamped, accessioned, labelled classified and catalogued during the year involving the preparation of 94 Subject Index cards, **11100** Alphabetical Index cards, **937** Accession cards and **937** Shelf List cards.

Particulars of Technical Materials	1972	1973	1974	1975
Subject Index Cards	292	210	685	943
Alphabetical Index Cards	450	312	845	1,110
Accession Cards	375	177	694	937
Shelf List Cards	375	175	674	937

5. Readers :

This year it provides its highly valuable service mostly to the staff and students of the various local colleges. Especially, the students and staff of Central School, Madurai Institute of Social Work, Law College, Medical College, Evening College, the Department of Geography, Department of Tirukkural Chair and the Department of Ramalinga Philosophy and Gandhian Studies have utilised this Centre frequently as they are easily accessible to this Centre. It is important to note that the readers with in the radius of about 10 miles from Madurai often pay their visit to the Study Centre, Madurai.

As on 31st October 1975, **9,323** readers (**8,687** Gents and **636** Ladies) utlised this Centre. 39 readers on an average used the centre every day.

YEAR	Total Number of Readers	GENTS	LADIES	Daily Average
1972	1,372	1,235	137	8
1973	4,806	4,100	706	17
1974	9,482	8,322	1,160	33
1975	9,823	8,687	636	39

6. Gift Books :-

The United States Information Service, Madras has donated about 142 new books on American Studies on their Essential Books-Programme.

7. Nature of Collections:

This centre contains multiple copies of most important text books on the following subjects:

1.	Reference Books	—	224
2.	Library Science	—	15
3.	Mathematics	—	275
4.	Physics	—	248
5.	Engineering	—	37
6.	Chemistry	—	198
7.	Techonlogy	—	2
8.	Biology	—	79
9.	Geology	—	1
10.	Botany	—	106
11.	Agriculture	—	14
12.	Zoology	—	65
13.	Animal Husbandry	—	10
14.	Medicine	—	66
15.	Useful Arts	—	9
16.	Spiritual Experiences and mysticism	—	35
17.	Fine Arts	—	22
18.	Tamil Literature	—	676
19.	English Literature	—	140
10.	Religion	—	26
21.	Philosophy	—	13
22.	Psychology	—	32
23.	Education	—	12
24.	Geography	—	32
25.	History	—	246
26.	Political Science	—	58
27.	Economics	—	230
28.	Commerce	—	82
29.	Sociology	—	48
30.	Law	—	12
		Total as on 31 st Oct' 75:	3,013

Details relating to the number of volumes in the Study Centre, Madurai and the number added during the year are given hereunder:

Year	Number at the beginning of the the year	Number added during the Year	Total Number of Books
1972	—	750	750
1973	750	449	1,199
1974	1,199	1,586	2,785
1975	2,785	745	3,550

8. Other Information:

This centre is at present located in the old University Library Buildings (Upstairs) in a spacious hall. Separate seating arrangements are provided for ladies to consult the necessary text books. The Study Centre, Madurai is more functional and it ensures a calm and congenial atmosphere to the readers. The popularity of this Centre with readers has been continuously increasing.

II. Palayamkottai:

Staff :-

Assistant Librarian: Thiru C. Arumugam, B.Sc., B.Lib Sc.

Place of Study Centre:

With the aid of University Grants Commission, the Madurai University Study Centre at Palayamkottai is functioning at No : 3 St. Mark's Street, Palayamkottai.

Aims And Functions :

The establishment of "Study Centre" equipped with multiple copies of Text books and most important reference books, in different areas having a large population of students and staff engaged in higher studies and research, is a real value and benefit to student community and staff. This Study Centre provides a congenial place for serious studies outside working hours, and supplies the books needed by the student community and staff. It functions as a reference Library, and books are not lent to the readers.

Grants :

The University Grants Commission has sanctioned the following grants :

1)	Staff emoluments (Recurring)	Rs. 10,000
2)	Contingencies (Recurring)	Rs. 3,000
	Total	Rs. 13,000 per annum.

The Madurai University has sanctioned the following grants for this year:

1)	For purchasing Books	Rs. 17,000
2)	For furniture	Rs. 2,800
3)	For Library re-binding of Books	Rs. 200
	Total	Rs. 20,000

Working Hours And Holidays :

The Study Centre remains open from 8 A.M. to 10 A.M. and 3. 30 P.M. to 7.30 P.M. on all the days except on Friday and other public holidays.

Readers:

The service of this Study Centre with readers has been continuously increasing as it is evident from the number of visitors during the year. The average readers per day was 18 during last year and 32 this year. It is hoped that more number of readers will be benefitted by this Study Centre, provided a still more number of useful collections are added to build the strength of the available books. The Study Centre has proved a great boon to the Post-Graduate and Professional students who could not afford to buy text-books of their own.

Nature of Collection:

This Study Centre is equipped with reference books and multiple copies of Text-books on various subject. The Study Centre has 1646 text-books and reference books.

General :

A meeting of the Managing Committee of this Study Centre was convened on 26th July, 1975.

APPENDIX—AC

The working of the Madurai University Central Cooperative Stores Limited, A-2937 Madurai-21.

The Madurai University Central Cooperative Stores Limited was registered on 15-3-1968 and started its work on 30-3-1968. The area of the operation is confined to the jurisdiction of Madurai University i.e., the revenue Districts of Madurai, Ramanathapuram, Tirunelveli and Kanyakumari.

2. The objects of the Store is to promote the economic interest of its members and more particularly to assist them in obtaining consumers goods including books i.e., text books; imported books, exercise note books, scientific instruments and other daily necessities of life at reasonable price and with their ends in view.

a) To carry on trade both whole sale and retail for the benefits of the members and the affiliated stores.

b) To sell to its members and affiliated stores and occassionally to other consumers, articles and consumption as may be procured by it.

c) To supply provisions of groceries, fuel, sports goods, exercise note books, and other consumer goods to the students hostels, messes, university unions, sports clubs and other affiliated organisations of the Madurai University as a supplementary business for the attainment of the main objects.

d) To run cafeteria or canteen for the benefit of the Members.

e) To run branches for wholesale or retail purposes in the affiliated colleges of the University.

3. The following are eligible for admission of Members:-

a) Any student of the Madurai University over 18 years of age who is competent to contract.

b) Any staff of the Madurai University over 18 years of age who is competent to contract.

c) Cooperative Stores of the affiliated Colleges of the Madurai University.

d) Students and staff of the Madurai University over 18 years of age who seek admission to the branches of the affiliated colleges of the University stores.

e) The State Government and

f) Any-body of persons approved by the Government in this behalf by general or special order.

g) The Madurai University

h) Any college affiliated to the Madurai University and the College attached to such College.

4. The Capital of the Stores for the present be Rs. 2, 00, 000/- made up of 1700 'A' Class Shares of Rs. 100/- each, 2000 'B' Class Shares of Rs. 10/- each and 1000 'C' Class Shares of Rs. 1/- each. The value of each share shall be paid in one lump sum.

5. The executive management of the Stores vests in a Committee consisting of not more than 15 members of whom the Vice-Chancellor, Madurai University shall be the ex-officio President and the remaining 14 members shall be elected in the following manners:

1. 2 from among the student members
2. 2 from among the women members
3. 3 from among the non teaching staff members
4. 1 from among the teaching staff member of Madurai University
5. 1 representing the Madurai University
6. 1 representing the representations of local branches.
7. 4 from among the representations of the affiliated Colleges one from each District (viz) Madurai, Ramanathapuram, Tirunelveli and Kanyakumari.

Thiru S. V. Chittibabu, M. A., B. T., Vice - Chancellor, Madurai University is the President of the Stores.

The following members are the Directors of the Stores as on 31 - 10 - 1975.

1.	Thiru S. V. Chittibabu, M. A., B. T.	President
2.	" D. Ramachandran, B. Sc.	Vice - President.
3.	" S. Kulandainathan, M. A.	Director.
4.	" P. Navaneethakrishnan	"
5.	Tmty. Meenakshi Murugaratnam, M. A.	"
6.	Thiru A. Jegadeesan, M. A.	"
7.	" M. Paraman, B. A.	"
8.	" T. V. Govindachary, B. Sc.	"
9.	" M. Krishnan	"
10.	" S. Kathirvel Pandian	"
11.	Kumari G. Rajam, M. Sc.	"
12.	Thiru S. V. Narasimachary, M. A.	"
13.	" S. Packiam, M. Sc., M. Ed.	"
14.	" S. Nagarajan, M. Sc.	"

6. The Government of Tamilnadu has invested a sum of Rs. 1,00,000/- as working capital loan in the stores at an interest of 5½%, and the stores has repaid Rs. 10,000/- and having Rs. 90,000/- is to be repaid. There were 1010 members on 30 - 6 - 1974 with a paid up share Capital of Rs. 37,619. During the period under the report and as on 31 - 10 - 1975 there were 1497 members in the stores with a paid up share capital of Rs. 43, 749/-

7. The functions of the stores are to purchase books required for the Library and the Departments of University to sell consumer goods to the members

of the stores, to supply provisions to the hostels of the affiliated colleges and other requirments of the University and other affiliated college. The store has opened branches in Madura College and in the University New Campus at Palkalainagar, Madura - 21, to cater the needs of the student members and staff members of Madura College and Madurai University. The members are allowed credit purchases upto 60% of their monthly pay and allowances recoverable from their salary. The store is acting as sole agent for the sale of University Publications. The store is also running a Canteen for the benefit of the members in the University New Campus at Palkalainagar, Madurai — 21.

8. During the period under report the store has purchased Library books, Grocery, Toilets, Text Books and Record Note Books for Rs. 14, 77, 188—57 and sold the same for Rs. 16, 62, 049 — 99. The University is allowing 5% as handling charges for the sale of the University Publication. During the period upto 31-5-1975 the store has sold University Publications to the value of Rs. 1, 48, 545 — 88.

9. The store was started on its, work on 30-3-68. During the Cooperative year 1967 - 68 from 3-7-67 to 30-7-68, the store worked on neither profit nor loss. During the subsequent years the store has earned a net profit as detailed below :-

Coop - Year		Amount of Net Profit Earned
1968 - 1969	Rs.	5,862 - 90
1969 - 1970	Rs.	7,592 - 84
1970 - 1971	Rs.	33,746 - 67
1971 - 1972	Rs.	22,922 - 91
1972 - 1973	Rs.	21,960 - 30
1973 - 1974	Rs.	17,724 - 56

During the years 68-69, 69-70, and 70-71 the Store has declared dividend at 6% on the paid up share capital of the members and during 70-71 the store has distributed compliments worth Rs. 6-50; 71-72 Rs. 11-50; 72-73

Rs. 7-50; from out of the amount allocated for the payment of purchase bonus to members. There are three branches at present. One more branch at Sri Meenakshi College is expected to be opened during December, 1975.

10. The Store has taken up the services of a Cooperative Department to work as Secretary on Foreign Service terms to look after the affairs. The entire cost of the Cooperative Sub - Registrar is borne by the Store from 15-3-1968.

1.	From 1968	to	1970	Thiru N. Sundarajan, B.Com.
2.	,, 1970	to	1971	,, M. Ayyachamy,
3.	,, 1971	to	1975	,, Thiru A. Muthiah, B.Com., (Till the end of May, 1975.)

had rendered a note-worthy and commendable service as Secertaries from the period of inception.

From 15-5-1975 Thiru M. Selvaraj, M.A., Cooperative Sub-Registrar has resumed charges as Secretary of the Store.

The Madurai University Employees Co-operative Thirift and Credit Society Limited, A. 2998.

The number of members in the Society for the year 1975 has been increased to 337 as against 295 in the last year.

The Society has sanctioned loan to the extent of Rs. 2,59,000/- to the members during the current year.

The present Board of Directors of the Society consists of the following members :

1.	Thiru Ghulam Ghouse	- President
2.	Thiru C. Chandrasekaran	- Secretary
3.	Thiru S. Rajamannar	- Director
4.	Thiru A. Kuthus Basha	- Director
5.	Thiru G. Subramanian	- Director

6. Thiru M. Paraman - Director
7. Thiru M. S. Muthuvelu - Director
8. Thiru K. S. Kamatchi - Director
9. Thiru G. L. Stephen - Director

The Society has declared 6% dividend on the share capital for the year 1973-74 in the current year. The Society has added to its Reserve Fund a sum of Rs. 1587-36/- and contributed another sum of Rs. 554-57/- towards the Dividend Equalisation Fund.

APPENDIX—AD

The Madurai University Hostel Construction Co-operative Society Ltd. Madurai. Regd. No. XNC 688

1. Prof. S. V. Chittibabu, M. A., B. T. assumed charge as President of the Society w. e. f. 24-2-1975. Thiru R. Tirugnanasambandam, M. A., L. T., continued as Secretary of the Society till 28-7-75.

   Thiru B. Murugan, M. A., assumed charge as Secretary of the Society w. e. f. 25-8-75 on assumption of his post as Registrar.

2. **General body**:

The General Body of the Society has 43 members on its rolls including member colleges as detailed hereunder :

I. **Ex-Officio Members**:

1. Prof. S. V. Chittibabu, M. A., B. T.,
   President,
   Vice-Chancellor, Madurai University,
   Madurai (w. e. f. 24-2-1975).

2. Thiru R. Tirugnanasambandam, M. A., L. T.,
   Registrar & Secretary (Till 28-7-75).

   Thiru B. MURUGAN, M. A.,
   Registrar & Secretary (w. e. f. 25-8-75).

3. Prof. S. V. Chittibabu, M. A., B. T.
   Director of Collegiate Education,
   Nungambakkam, MADRAS-6 (till 23-2-1975).

   Thiru K. Mohanarangam, M. A.,
   Director of Collegiate Education,
   Nungambakkam, MADRAS-6 (w. e. f. 24-2-1975).

II **Syndicate Nominees** :

4. Thiru T. Saktivelu, M. A.
Principal, Nadar Mahajana Sangam S. Vellaichamy Nadar College, Madurai- 625019.

5. Dr. M. A. Thangaraj, M. A., Ph. D.
Principal, American College, Madurai-625002.

III. **Members Elected by the Senate (Till 11-9-1975):**

6. Thiru S. Ramachandran, M.A.,
Professor of Economics,
The M.D.T. Hindu College,
Tirunelveli.

7. Thiru S. Selvaraj, M.A., M.Sc., B.T.,
Principal,
Kamaraj College,
Tuticorin.

8. Thiru P. Thangarajan, M.A.,
Principal,
V.H.N.S.N. College,
Virudhunagar.

Members Elected by the Senate w.e.f. **11-9-1975:**

6. Dr. M. Robson,
Principal,
Alagappa College of Physical Education,
Karaikudi.

7. Thiru S. Ramachandran, M.A.,
Professor of Economics,
The M.D.T. Hindu College, Tirunelveli.

8. Thiru S. Selvaraj, M.A., M.Sc., B.T.,
Principal,
Kamaraj College, Tuticorin.

IV. Member College:

9 V.H.N.S.N. College, Virudhunagar

10 Seethalakshmi Achi College for Women, Pallattur

11 St. John's College, Palayamkottai

12 Thiagarajar College of Preceptors, Madurai

13 Thiagarajar College, Madurai

14 St. Xavier's College, Palayamkottai

15 American College, Madurai

16 Alagappa College, Karaikudi

17 Alagappa College for Women, Karaikudi (ERSTWHILE)

18 Alagappa Chettiar College of Engineering and Technology, Karaikudi

19 Dr. Alagappa Chettiar Training College, Karaikudi

20 Sarah Tucker College, Palayamkottai

21 The M.D.T. Hindu College, Tirunelveli

22. Sri K.G.S. Arts College, Srivaikuntam

23. Scott Christian College, Nagercoil

24. Thiagarajar School of Management, Madurai

25. Sri Parasakthi College for Women, Courtallam

26. Chattanatha Karayalar Yadava College, Shencottah (ERSTWHILE)

27. Saraswathi Narayanan College, Madurai

28. Pioneer Kumaraswamy College, Nagercoil

29. Pope's College, Sawyerpuram

30. Ayya Nadar Janaki Ammal College, Sivakasi

31. R.D.M. College, Sivaganga

32. Nadar Mahajana Sangam S. Vellaichamy Nadar College, Madurai-19.

33. Kamaraj College, Tuticorin

34. Sourashtra College, Madurai

35. V.V. Vanniaperumal College for Women, Virudhunagar
36. Senthamil College, Madurai
37. Yadava College, Madurai
38. Madura College, Madurai
39. H.K.R.H. College, Uthamapalayam
40. Alagappa College of Physical Education, Karaikudi
41. P.M.T. College, Melaneelithanalloor
42. G. Venkatasamy Naidu College, Kovilpatti
43. Sree Sevugan Annamalai College, Devakottai

The General Body of the Society met on 2-7-1975 during the year under report.

V. **Managing Committee** :

The Managing Committee consists of 9 members as hereunder:

1. Prof. S.V. Chittibabu, M.A., B.T.,
   President,
   Vice-Chancellor, Madurai University, Madurai-21.
   (w.e.f. 24-2-1975)

2. Thiru R. Tirugnanasambandam, M.A., L.T.,
   Registrar and Secretary (Till 28-7-75)

   Thiru B. Murugan, M.A.,
   Registrar and Secretary (w.e.f. 25-8-75).

3. Prof. S.V. Chittibabu, M.A., B.T.,
   Director of Collegiate Education,
   Nungambakkam, Madras-6 (till 24-2-1975).

   Thiru K. Mohanarangam, M.A.,
   Director of Collegiate Education,
   Nungambakkam, Madras-6 (From 24-2-1975).

Representative of the Senate.

4. Thiru S. Ramachandran, M.A.,
Professor of Economics,
The M.D.T. Hindu College, Tirunelveli.

The term of office of Thiru S. Ramachandran, M.A. in the Managing Committee expired on 30-6-75 and he has again been elected on 2-7-75 to the Managing Committee from among the representatives of the Senate on the General Body of the Society.

Syndicate Nominees:

5. Thiru T. Saktivelu, M. A.,
Principal, NMSSVN College, Madurai - 19.

6. Dr. M.A. Thangaraj, M. A., Ph. D.
Principal, American College, Madurai-2.

Representatives of Member Colleges:

7. Thiru T. Sivasankaran, M.A.,
Principal,
Saraswathi Narayanan College,
Madurai.

8. Thiru T. A. Chockalingam, M. A.,
Principal, Yadava College, Madurai.

9. Dr. John D. K. Sunder Singh, M. A., Ph. D.,
Principal,
Scott Christian College, Nagercoil.

The term of office of Thiru John D. K. Sunder Singh, M. A., Ph. D., in the Managing Committee expired on 30-6-75 and he has again been elected on 27-7-75 to the Managing Committee from among the member Colleges.

The Managing Committee of the Society met on 17-6-1975.

SENTAMIL COLLEGE, MADURAI.

5. **Business Transacted:**

1. A sum of Rs. 44,000/- has been paid to A. N. J. A. College, Sivakasi, towards second instalment of loan.

2. A sum of Rs. 50,000/- has been paid to the Government towards re-payment of loan obtained from the Government (Rs. 5,00,000/-) on 27-3-1975.

6. **General:**

1. A sum of Rs. 1775-92/- had been paid towards payment of Co-Operative Education Fund (2%) and Co-operative Development Fund (5%) out of the profit of the Society for the co-operative year 1973 - 74.

2. A sum of Rs. 6344-46/- had been created as Reserve Fund of the Society out of the profit of Society for the co-operative year 1973 - 74.

3. The Audit Report of the Society for the co-operative year 1973 - 74 had been considered by the Managing Committee and General Body of the Society.

4. A Savings Bank Account had been opened for the Society in the M.D.C.C. Bank Ltd. Tallakulam Branch, Madurai, during the year under report.

5. The Government of Tamilnadu had been addressed again to sanction additional loan of Rs 10,00,000/- and to increase the re-payment period of the previous loan obtained from the Government from 10 years to 20 years, and the reply is awaited.

6. Thiru B. Murugesan, B.A., B.L., 47, Nadar Vidyasalai Street, Madurai continued to be the Legal Advisor of the Society.

7. Thiru A. Jawahar, B.E., A.M.E.T. (Lond.) continued to be the Engineer of the Society during the year under report.

8. The Conveners' Committee of the Syndicate performed the duties of the President and attended day to day affairs of the Society till, the present Vice - Chancellor assumed charge.

9. The management of St. John's College, Palayamkottai, cleared all its loan in the Society.

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மதுரைத் தமிழ்ச் சங்கம்

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